

Agenda

Environmental Protection Commission

January 16, 1996

10:00 AM

Wallace State Office Building, Fourth Floor Conference Room

January 17, 1996 - Legislative Reception from 7:30 - 9:00 A.M.

Fourth Floor Conference Room, Wallace State Office Building

Public Participation

10:30 a.m.

APPOINTMENTS:

Mark Guge (Iowa Lakes Controlled Grazing Project)

2:00 p.m.

Roger Wolf (Raccoon River Watershed Project)

2:15 p.m.

Agenda topics

1. Approve Agenda
2. Approve Minutes of December 18, 1995
3. Director's Report Larry Wilson (Information)
4. Monthly Financial Status Report and Budget Overview Stan Kuhn (Information)
5. 1995 Toxic Cleanup Days Report to the General Assembly Teresa Hay (Information)
6. Landfill Alternatives Financial Assistance Program Applications Teresa Hay (Information)
7. Landfill Alternatives Financial Assistance Program Contracts Teresa Hay (**Decision**)
8. Monthly Reports Allan Stokes (Information)
9. Section 319 Nonpoint Source Pollution Control Project with ISU Allan Stokes (**Decision**)
10. Amendment to Small Business Ombudsman Program Interagency Agreement Allan Stokes (**Decision**)
11. Contract for Computer Based Filing System for Air Quality Operating Permits Allan Stokes (**Decision**)
12. Final Rule--Chapter 65, Animal Feeding Operations Don Paulin (**Decision**)
13. Proposed Rule--Chapter 22, Deferral of Title V Fee Payment Allan Stokes (Information)

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|-----|---|--------------------------------|
| 14. | Final Rule--Chapter 30, Rescind Rule for Air Toxic Fee | Allan Stokes (Decision) |
| 15. | Final Rule--Chapter 22, Title V Fee Payment | Allan Stokes (Decision) |
| 16. | Final Rule--Chapter 22, Retroactive Exemptions for Construction Permits | Allan Stokes (Decision) |
| 17. | Final Rule--Chapter 22, SO2 Nonattainment Areas | Allan Stokes (Decision) |
| 18. | Proposed Rule--Chapter 61, Water Quality Standards - Stream Use Classifications | Allan Stokes (Information) |
| 19. | General Discussion | |
| 20. | Address Items for Next Meeting | |

Next Meeting Dates	February 19, 1996
	March 18, 1996
	April 15, 1996

ENVIRONMENTAL PROTECTION COMMISSION

Tuesday, January 16, 1996

NAME

COMPANY OR AGENCY

CITY

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Maynard Jayne	Ia Gentlemen	Amos
DALE SIEBENBRUNER	SUNRISE FARMS	HARRIS
Scott Young	Bryan Cave	KC
Patrick Lalley	Lee Newspapers	DM
Steven Martens	CR Gazette	CR
GARY Greene	PPA of IA	Sioux City
Amy Christensen	Sullivan & Ward	Des Moines
Jayne McAlister	Ahlers Law Firm	DSM
Kathy Larson		Woodward
Wendy Muck	Cass Township Rural Protection Committee	Woodward Iowa
Gene Kreimeyer		Dougherty, IA
In allace Kreimeyer	DM Register	Dougherty, IA
Perry Beeman		DM
Mike Jenson	PPA	Sioux City, IA
Pat Weber	Shutt Pq Inc	Audubon Ia

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Rick Kelley	UHL	DM
Robin Britney	Mid American Energy	DM
Christopher D. Hess	US EPA	KC
Mary Neubauer	The Assoc Press	MA
Max K.D. RIESOW	FPA	Jefferson
Blaine Nickles	O.P.E.	Charlottesville
Aaron Helay Lehman	Iowa Farmers Union	Nevada
Katherine Smith	Iowa CCI	DSM
Lindsay Fuson	Iowa Dairy Bureau	Jefferson
Norm Mohlersted	Iowa Dairy Product Assn	Ankeny
Shirley Hickey	IH & HS	DSM
Andy Baumert	Iowa Pork Producers	DSM
Harold Trask	Iowa Pork Producers	DSM
Brent Halling	" "	" "
John R. Whitaker	Iowa Farmers Union	Nevada

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DANNY VEST	GROWMARK, INC	Bloomington, IL
CHRIS GAULT	FARM BUREAU	WDSM
Eldon McPhee	Beving Law Firm/ITPA	DSM
Helene F. Mullen	Sioux Club	DSM
Allen Burt	Farmer	Marshalltown
Doris Stice	OPE	Clarion
Myron Stice	OPE	Clarion
Melvin Mullen	OPE	Clarion
Barbara Grabner	Prairie Fire	DSM
William S. Trivette for Attorney	DeCoster Farms of Iowa	Belt, IA
Jan Mohnsted, Atty for	Iowa Resident	Galt, IA
Bob Mickle	Iowa Corn Growers Assn	Des Moines
Rodney Williamson	Iowa Lakes Controlled Draining	Des Moines
W.C. Leopold	" " " "	Spirit Lake
Craig White	" " " "	Cotherville
Mark Suge	" " " "	" "

ENVIRONMENTAL PROTECTION COMMISSION

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KYLE SWANNON

Raccoon River Watershed
Project

DES MOINES, IA

Kristie Hirschman

Ia Citizens' Aide/Ombudsman

Des Moines, IA

Kevin Potter

Waterloo Courier

Waterloo

RECORD COPY EPC Meeting
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Senders Initials JG
January 1996

MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING

JANUARY 16, 1996

WALLACE STATE OFFICE BUILDING
DES MOINES, IOWA

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MEETING MINUTES

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson King at 10:00 a.m. on Tuesday, January 16, 1996, in the Wallace State Office Building, Des Moines, Iowa.

MEMBERS PRESENT

Kathryn Draeger
William Ehm
Michael Fesler
Rozanne King, Chair
Charlotte Mohr, Secretary
Kathryn Murphy
Gary Priebe, Vice-Chair
Terrance Townsend

MEMBERS ABSENT

Verlon Britt

Director Wilson noted that Verlon Britt broke his leg and will not be able to attend the meeting.

ADOPTION OF AGENDA

Motion was made by Terrance Townsend to approve the agenda as presented. Seconded by Michael Fesler. Motion carried unanimously.

APPROVED AS PRESENTED

APPROVAL OF MINUTES

Motion was made by Charlotte Mohr to approve the meeting minutes of December 18, 1995, as presented. Seconded by Terrance Townsend. Motion carried unanimously.

APPROVED AS PRESENTED

DIRECTOR'S REPORT

Director Wilson stated that he is scheduled to make a speech at ISU today and will leave at 11:30 a.m. and return at 2:00 p.m.

He reported that the Regulations Subcommittee of the Governor's Competitiveness Task Force completed their findings and recommendations. He related that he is in the final phase of preparing the department's response to that report and will provide the Commissioners a copy.

Director Wilson distributed copies of the Environmental Protection Division's mission statement and table of organization and noted that the information accounts for the staffing and funding of the division and identifies their overall workload responsibility.

FINANCIAL STATUS REPORT - YTD DIVISION EXPENDITURES

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

Attached is the 12/31/95 division level YTD expenditure report. All divisions are within their budgets.

Both Energy and Geological Resources and Environmental Protection divisions are significantly under their expenditure budgets. The Energy bureau's Professional Services line accounts for most of this "under" status. About \$103,000 of the annual budgeted \$1.4 million has been expended to date. This primarily involves federally and special funds supported Institution Conservation Programs, and Alternative Fuel initiatives.

Likewise, the Air and Water programs are considerably under budget in Professional Services. Most of that relates to expenditure of 319 Federal water planning projects, special 1993-flood projects, storage tank programs, and Air toxics. Related funding is primarily federal or air fees.

The remainder of the operating budget status is at or close to what can reasonably be expected at this point in the fiscal year.

As part of this presentation, staff will continue an overview of the State's and DNR's accounting and budget systems. The objective of this review is to provide commissioners a comprehensive picture of these systems including available data and limitations. This month's presentation will focus on describing the current State budgeting process.

DIRECTOR'S OFFICE/I&E BUREAU

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	1,004,589	1,038,827	477,860	433,228	44,632
PERS TRV IN	41,546	54,282	22,798	13,136	9,662
STATE VEHICL	4,535	7,431	3,716	2,156	1,560
DEPRECIATION	7,860	12,640	6,320	4,050	2,270
PERS TRV OUT	10,438	9,500	3,990	5,417	(1,427)
OFF SUPPLY	71,747	76,600	32,172	41,162	(8,990)
FAC MAINT SU	34	31,000	13,020	1,304	11,716
EQUIP MAINT	4,166	6,850	2,877	435	2,442
OTHER SUPPLY	63,923	58,400	24,528	35,660	(11,132)
PRINT & BIND	259,174	325,944	136,896	29,887	107,009
UNIFORMS	1,951	2,150	903	498	405
COMMUNICATIO	28,986	25,800	10,836	10,670	166
RENTALS	2,193	2,000	840	893	(53)
UTILITIES	187	750	315	74	241
PROF SERV	53,169	80,070	33,629	10,109	23,520
OUTSIDE SERV	31,516	26,550	11,151	15,178	(4,027)
ADVER PUB	0	5,000	2,100	0	2,100
DATA PROC	7,275	14,050	5,901	1,654	4,247
REIMBURSEMENT	3,896	6,175	2,594	136	2,458
EQUIPMENT	22,464	29,724	14,862	10,235	4,627
OTHER EXP	124	2,600	1,092	0	1,092
	1,619,773	1,816,343	808,401	615,882	192,519

ADMINISTRATIVE SERVICES DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	3,727,699	3,729,059	1,715,367	1,639,887	75,480
PERS TRV IN	32,873	42,850	17,997	16,577	1,420
STATE VEHICL	47,570	55,000	27,500	28,955	(1,455)
DEPRECIATION	68,730	75,500	37,750	35,010	2,740
PERS TRV OUT	7,148	8,500	3,570	4,364	(794)
OFF SUPPLY	339,910	355,500	149,310	131,011	18,299
FAC MAINT SU	2,020	16,000	6,720	978	5,742
EQUIP MAINT	46,662	53,000	22,260	13,845	8,415
OTHER SUPPLY	18,066	14,000	5,880	6,411	(531)
PRINT & BIND	25,145	23,000	9,660	6,839	2,821
UNIFORMS	6,031	2,500	1,050	784	266
COMMUNICATIO	101,812	108,100	45,402	42,414	2,988
RENTALS	184	500	210	263	(53)
UTILITIES	282	0	0	0	0
PROF SERV	52,024	70,000	29,400	36,773	(7,373)
OUTSIDE SERV	34,280	79,650	33,453	22,531	10,922
ADVER PUB	934	500	210	328	(118)
DATA PROC	44,611	91,000	38,220	51,598	(13,378)
AUDITOR REIM	169,503	175,000	73,500	30,428	43,072
REIMBURSEMENT	182,696	118,650	49,833	64,626	(14,793)
EQUIPMENT	199,462	169,500	84,750	73,411	11,339
OTHER EXP	8,484	8,658	3,636	0	3,636
LICENSES	0	50	21	0	21
	5,116,126	5,196,517	2,355,700	2,207,033	148,667

PARKS, PRESERVES AND RECREATION DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	5,004,243	4,555,104	2,095,348	2,052,611	42,737
SEASONAL HELP	1,509,834	1,298,094	791,837	790,773	1,064
PERS TRV IN	72,955	58,550	24,591	32,728	(8,137)
STATE VEHICL	213,209	200,460	100,230	112,765	(12,535)
DEPRECIATION	292,147	304,150	152,075	125,707	26,368
PERS TRV OUT	4,357	7,585	3,186	3,673	(487)
OFF SUPPLY	55,853	37,200	15,624	14,280	1,344
FAC MAINT SU	517,700	570,409	268,092	268,659	(567)
EQUIP MAINT	363,110	312,298	146,780	188,650	(41,870)
AG CONS SUPP	55,354	34,035	15,996	12,604	3,392
OTHER SUPPLY	37,550	43,600	18,312	10,222	8,090
PRINT & BIND	28,417	28,000	11,760	7,629	4,131
UNIFORMS	37,322	34,077	14,312	25,997	(11,685)
COMMUNICATIO	97,981	105,250	44,205	40,456	3,749
RENTALS	42,930	38,050	17,884	24,751	(6,868)
UTILITIES	440,884	423,200	198,904	211,848	(12,944)
PROF SERV	52,839	105,165	44,169	9,683	34,486
OUTSIDE SERV	219,918	203,852	95,810	121,811	(26,001)
ADVER PUB	2,904	1,050	441	339	102
DATA PROC	2,846	5,000	2,100	639	1,461
REIMBURSEMENT	8,012	7,375	3,098	856	2,242
EQUIPMENT	239,227	216,100	108,050	104,540	3,510
OTHER EXP	52	2,700	1,134	0	1,134
LICENSES	204	697	293	0	293
	9,299,848	8,592,001	4,174,231	4,161,221	13,010

FORESTS AND FORESTRY DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	1,801,319	1,804,191	829,928	845,361	(15,433)
SEASONAL HELP	81,704	122,976	75,015	37,720	37,295
PERS TRV IN	40,119	42,800	17,976	20,171	(2,195)
STATE VEHICL	66,145	86,500	43,250	38,159	5,091
DEPRECIATION	133,805	138,500	69,250	59,810	9,440
PERS TRV OUT	8,189	8,800	3,696	3,169	527
OFF SUPPLY	27,792	25,870	10,865	9,810	1,055
FAC MAINT SU	49,992	33,500	14,070	16,927	(2,857)
EQUIP MAINT	57,760	49,000	20,580	31,014	(10,434)
AG CONS SUPP	125,118	113,000	47,460	32,451	15,009
OTHER SUPPLY	12,826	19,900	8,358	4,240	4,118
PRINT & BIND	3,419	26,200	11,004	3,995	7,009
UNIFORMS	13,640	14,300	6,006	2,017	3,989
COMMUNICATIO	39,189	39,669	16,661	20,428	(3,767)
RENTALS	39,257	38,000	15,960	6,436	9,524
UTILITIES	30,741	36,800	15,456	7,399	8,057
PROF SERV	19,546	8,820	3,704	1,629	2,075
OUTSIDE SERV	57,912	60,820	25,544	16,079	9,465
ADVER PUB	176	2,000	840	159	681
DATA PROC	666	2,000	840	373	467
REIMBURSEMENT	2,580	550	231	179	52
EQUIPMENT	140,782	71,861	35,931	27,949	7,982
OTHER EXP	0	0	0	11	(11)
	2,752,677	2,746,057	1,272,626	1,185,486	87,151

ENERGY & GEOLOGICAL RESOURCES DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	2,340,475	2,445,164	1,124,775	1,063,043	61,732
PERS TRV IN	18,491	51,756	21,738	6,490	15,248
STATE VEHICL	10,970	14,000	7,000	5,769	1,231
DEPRECIATION	18,515	20,000	10,000	5,835	4,165
PERS TRV OUT	47,982	68,787	28,891	22,467	6,424
OFF SUPPLY	29,069	36,105	15,164	15,632	(468)
FAC MAINT SU	428	2,200	924	58	866
EQUIP MAINT	2,810	6,550	2,751	798	1,953
PROF SUPPLY	1,048	3,280	1,378	186	1,192
OTHER SUPPLY	29,162	61,561	25,856	6,950	18,906
PRINT & BIND	33,907	48,300	20,286	4,773	15,513
UNIFORMS	402	1,000	420	138	282
COMMUNICATIO	39,280	46,428	19,500	15,058	4,442
RENTALS	2,764	3,100	1,302	1,087	215
UTILITIES	18,227	16,400	6,888	4,935	1,953
PROF SERV	955,814	1,955,824	821,446	208,171	613,275
OUTSIDE SERV	57,518	134,270	56,393	27,944	28,449
ADVER PUB	624	1,000	420	503	(83)
DATA PROC	4,492	19,530	8,203	1,692	6,511
REIMBURSEMENT	8,164	6,635	2,787	1,561	1,226
EQUIPMENT	136,163	158,381	79,191	53,873	25,318
OTHER EXP	5,408	4,742	1,992	0	1,992
	3,761,713	5,105,013	2,257,303	1,446,963	810,340

ENVIRONMENTAL PROTECTION DIVISION

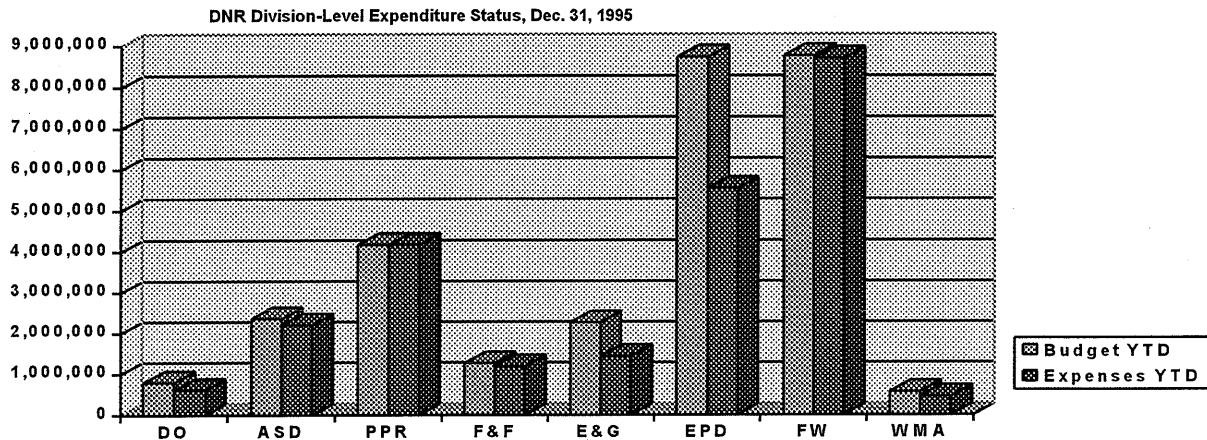
EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	8,177,148	9,556,812	4,396,134	3,870,460	525,674
PERS TRV IN	55,513	130,807	54,939	24,895	30,044
STATE VEHICL	42,519	52,500	26,250	21,663	4,587
DEPRECIATION	56,720	76,500	38,250	28,000	10,250
PERS TRV OUT	72,774	193,332	81,199	36,024	45,175
OFF SUPPLY	98,251	127,557	53,574	56,334	(2,760)
FAC MAINT SU	3,133	4,300	1,806	1,845	(39)
EQUIP MAINT	16,909	19,750	8,295	4,060	4,235
PROF SUPPLY	0	1,250	525	0	525
OTHER SUPPLY	22,997	46,567	19,558	4,858	14,700
PRINT & BIND	74,754	109,600	46,032	32,649	13,383
UNIFORMS	4,773	7,600	3,192	2,005	1,187
COMMUNICATIO	177,611	177,850	74,697	65,443	9,254
RENTALS	87,694	119,500	50,190	50,895	(705)
UTILITIES	18,207	24,811	10,421	7,207	3,214
PROF SERV	2,667,560	6,716,468	2,820,917	1,017,838	1,803,079
OUTSIDE SERV	87,877	91,446	38,407	22,983	15,424
ADVER PUB	6,314	12,900	5,418	4,059	1,359
DATA PROC	189,747	217,106	91,185	59,590	31,595
REIMBURSEMENT	62,713	67,600	28,392	9,138	19,254
EQUIPMENT	956,082	1,746,333	873,167	226,624	646,543
OTHER EXP	15,213	12,720	5,342	0	5,342
	12,894,509	19,513,309	8,727,889	5,546,570	3,181,319

FISH AND WILDLIFE DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	12,485,277	12,227,973	5,624,868	5,594,166	30,702
SEASONAL HELP	785,126	802,414	489,473	406,282	83,191
PERS TRV IN	371,415	355,522	149,319	150,836	(1,517)
STATE VEHICL	540,298	506,700	253,350	262,616	(9,266)
DEPRECIATION	680,640	753,316	376,658	346,480	30,178
PERS TRV OUT	33,831	48,400	20,328	18,080	2,248
OFF SUPPLY	276,247	303,868	127,625	142,503	(14,878)
FAC MAINT SU	377,293	458,687	192,649	147,952	44,697
EQUIP MAINT	451,909	350,636	147,267	238,598	(91,331)
PROF SUPPLY	0	10,000	4,200	0	4,200
AG CONS SUPP	340,020	366,258	153,828	142,505	11,323
OTHER SUPPLY	171,384	103,577	43,502	91,854	(48,352)
PRINT & BIND	218,479	283,625	119,123	187,357	(68,235)
UNIFORMS	161,845	132,575	55,682	36,175	19,507
COMMUNICATIO	293,531	204,100	85,722	125,149	(39,427)
RENTALS	57,169	65,035	27,315	19,042	8,273
UTILITIES	206,398	242,216	101,731	82,610	19,121
PROF SERV	343,892	392,780	164,968	194,089	(29,121)
OUTSIDE SERV	185,806	170,362	71,552	43,914	27,638
ADVER PUB	1,883	2,600	1,092	1,948	(856)
DATA PROC	74,037	64,000	26,880	48,694	(21,814)
REIMBURSMENT	72,133	68,450	28,749	13,186	15,563
EQUIPMENT	1,219,428	951,034	475,517	393,990	81,527
OTHER EXP	44,003	34,353	14,428	2,775	11,653
LICENSES	1,053	300	126	0	126
	19,393,097	18,898,781	8,755,950	8,690,801	65,149

WASTE MANAGEMENT ASSISTANCE DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	766,664	782,200	359,812	346,085	13,727
PERS TRV IN	29,522	47,214	19,830	10,076	9,754
PERS TRV OUT	23,060	39,165	16,449	10,047	6,402
OFF SUPPLY	9,635	32,030	13,453	5,028	8,425
EQUIP MAINT	634	1,900	798	692	106
OTHER SUPPLY	24,011	45,445	19,087	5,454	13,633
PRINT & BIND	30,863	61,258	25,728	13,812	11,916
UNIFORMS	0	0	0	28	(28)
COMMUNICATIO	14,932	16,000	6,720	6,300	420
RENTALS	691	800	336	305	31
PROF SERV	75,578	123,897	52,037	9,240	42,797
OUTSIDE SERV	7,480	9,886	4,152	1,709	2,443
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LANDFILL ALTERNATIVES FINANCIAL ASSISTANCE PROGRAM

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Applicant:	Local Government -- Davis County	
Description:	The proposed project involves developing and implementing a waste reduction and recycling education program targeting small businesses, industries, schools, hospitals, and retail outlets as a means of increasing participation in landfill diversion. The applicant will implement education programming throughout Davis County. Funding assistance is requested for salaries, mileage, educational materials and supplies.	

Application 3:	R. C. Recycling Services -- Richard Armstrong -- 515-484-5438 206 West Marshall Street Toledo, Iowa 52342	Project Title: Curbside Recycling Program
Request:	\$ 254,499 - Loan	
Applicant:	Private For Profit -- Tama County	
Description:	The applicant is proposing to offer curbside recycling for urban and rural waste generators in the County. The inclusion of commercial and industrial and the Meskwaki Indian Settlement and the Meskwaki Bingo and Casino Complex is also anticipated. Financial assistance is requested for building construction, equipment, and education materials. Initial landfill diversion is estimated to be approximately 3,000 to 5,000 tons annually.	

Application 4:	Kirkwood Community College -- Barrie Swinbank -- 319-398-5609 6301 Kirkwood Blvd. SW P.O. Box 2068 Cedar Rapids, Iowa 52406	Project Title: Composting Education
Request:	\$ 90,391 - Grant	
Applicant:	Local Government -- Linn County	
Description:	The applicant is proposing to develop a comprehensive educational curriculum that addresses composting of organics from municipal, residential, and agricultural sources. The project will result in three new course offerings including: a one semester credit course in on-farm composting for Agricultural Sciences students, a municipal composting component for the existing Landfill Operators course, and a continuing education course in backyard composting for homeowners. Financial assistance is requested for construction, equipment, contracted compost screening and testing services, promotion/education materials and wages.	

Application 5:	Moulded Fibre Technology -- Kevin Donoghue -- 508-352-2200 172 East Main Street Georgetown, MA 01833	Project Title: Recycled Content Product Manufacturing
Request:	\$ 350,000 - Grant	
Applicant:	Private For Profit	
Description:	The applicant is proposing to locate a new plant in eastern Iowa. The plant will manufacture custom designed precision moulded fibre packaging products made primarily from 100% recycled ONP and similar paper. The facility will serve as a significant waste paper market with a minimum of 1,008 tons per year required. The applicant has existing plants in Maine and California and will create between 30 and 40 new Iowa jobs. Financial assistance is requested for the purchase and installation of a moulded fibre manufacturing machine.	

Application 6:	Genesis Development -- Terry Johnson -- 515-386-3017 115 South Wilson Jefferson, Iowa 50129	Project Title: Recycling Center Expansion
Request:	\$ 365,569 - Loan	
Applicant:	Private Not For Profit -- Greene County	
Description:	In response to providing recyclables processing services to additional counties, the applicant is proposing to relocate processing operations to a larger facility. Financial assistance is requested for the purchase and remodeling of an existing building and the purchase of additional equipment. The applicant is located in the City of Jefferson and processes recyclables from Greene, Guthrie Counties, north Dallas County and the City of Perry.	

Application 7:	Rimade Shredding -- Marc Drees -- 712-669-3388 15876 280th Street Manning, Iowa 51455	Project Title: Waste Tire Processing
Request:	\$ 300,000 - Loan	
Applicant:	Private For Profit -- Carroll County	
Description:	The applicant is proposing to provide a portable tire shredding service targeting waste tire stockpiles and tire retailers. Potential uses include landfill leachate collection and TDF. The applicant would provide tire shredding services in western Iowa. Financial assistance is requested for equipment and wages.	

Application 8:	Adventure Plastics, Inc. -- Stan Siems -- 515-847-3504 32567 130th Street Ackley, Iowa 50601	Project Title: Recycled Content Product Manufacturing
Request:	\$ 71,400 - Loan	
Applicant:	Private For Profit -- Hardin County	
Description:	The proposed project involves purchasing plastics (numbers 1,2,3,4,5 and possibly 6) collected within the project service area of Hardin, Grundy, and Franklin Counties and manufacture such products as shims, tent stakes, and other products. The applicant is requesting financial assistance for a building addition and the purchase of a grinder, plastic cleaning system and molds.	

Application 9:	Fremont County Waste Systems -- Mike Haun -- 712-382-1322 1207 Adams P.O. Box 13
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Request: Hamburg, Iowa 51640 Project Title: Weight-Based Solid Waste Collection
Applicant: \$ 140,500 - Grant \$ 42,000 - Loan
Description: Private For Profit -- Fremont County
 The applicant is proposing to implement the first residential weight-based solid waste collection program in the state as a means of encouraging waste reduction and recycling. This fee structure will "reward" homeowners for each incremental decrease in solid waste generation. The pilot project would be implemented in the Cities of Farragut, Riverton, Sidney and Hamburg in Fremont County. It is estimated that an additional 15% reduction in solid waste tonnage can be expected with the project. Financial assistance is requested for consulting fees, labor, education materials, equipment, and collection containers

Application 10: Bluestem Solid Waste Agency -- Liz Christiansen/Mike Berkshire -- 319-398-1278
 P.O. Box 2068
 Cedar Rapids, Iowa 52406 Project Title: Landfill Ban Impact Evaluation
Request: \$ 65,464 - Grant
Applicant: Local Government -- Linn County
Description: A corrugated cardboard landfill ban will be implemented at the two landfills owned and operated by the applicant effective April 1, 1996. As a means of assessing the impact of the ban, a waste sort and characterization study will be conducted before and after the landfill ban is implemented. Results of the study will be presented and made available to local governments, solid waste officials, the Department and legislators to assist in landfill diversion program decision-making. Financial assistance is requested for conducting and reporting the waste sort and characterization study.

Application 11: City of Walnut -- Randall Larson -- 712-784-3711
 Rural Route 2, Box 5B
 Walnut, Iowa 51577 Project Title: Ag-Bag Composting Demonstration
Request: \$ 66,385 - Grant
Applicant: Local Government -- Pottawattamie County
Description: The applicant is proposing a demonstration project by composting yard waste in an ag-bag. Air will be forced into the closed bag to sustain aerobic conditions. Each sealed bag is capable of holding approximately 36 tons of shredded material. Yard waste will be accepted from the City of Walnut and surrounding communities. Financial assistance is requested for equipment, equipment operating costs, site improvements and wages.

Application 12: Roger Wahl -- 319-266-2131
 3433 Jepsen Road
 Cedar Falls, Iowa 50613 Project Title: Waste Tire Processing Demonstration
Request: \$ 610,000 - Grant
Applicant: Private Not For Profit -- Black Hawk County
Description: The applicant is proposing to demonstrate a new method of collecting and processing whole tires using a vehicle capable of shredding whole tires, compacting the tire shreds and transporting the tire shreds to a site for further processing or to an end market. The applicant's farm and existing waste tire stockpile, located in Chickasaw County, will be used as the test site.

Application 13: Bowe Machine Company -- Mark Stutenberg -- 319-355-4777
 2527 State Street
 P.O. Box 829
 Bettendorf, Iowa 52722 Project Title: Coolant Recycling

Application 14:	Bowe Machine Company -- Mark Stutenberg -- 319-355-4777 2527 State Street P.O. Box 829 Bettendorf, Iowa 52722	Project Title: Waste Oil Combustion
Request:	\$ 31,600 - Grant	
Applicant:	Private For Profit -- Scott County	
Description:	The applicant is proposing to implement a new technique for burning spent waste oil and recover the resulting energy to heat their existing facility. During the non-heating season, the heat exchanger would be by-passed with the spent oil directed to an evaporation tank. It is estimated that the company would realize a \$5,500 heating bill savings annually. Financial assistance is requested for equipment and wages.	

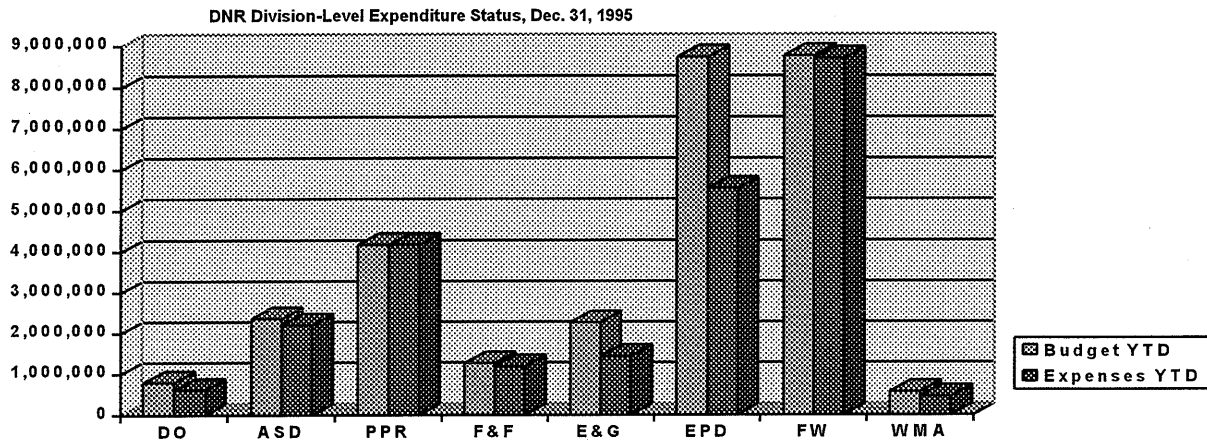
Application 16:	Iowa State University -- Dr. Bruce Kjartanson -- 515-294-3925 213 Beardshear Ames, Iowa 50011	Project Title: Study of Waste Tire Performance Used In Drainage Construction Projects
Request:	\$ 150,946 - Grant	
Applicant:	Local Government -- Story County	
Description:	The applicant is proposing to research the use of whole and larger-sized shredded tires in drainage structures. Specific research goals include: characterize and quantify erosion resistance, permeability and consolidation response of ground tires; determine the engineering behavior of whole tires as buried drainage conduits, quantify the performance and establish guidelines for the construction of drainage structures composed of shredded and whole tires. Potential benefactors of the research include farmers, construction contractors, consulting engineers and government agencies. Financial assistance is requested for research salaries, travel and construction of lab test equipment.	

FISH AND WILDLIFE DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	12,485,277	12,227,973	5,624,868	5,594,166	30,702
SEASONAL HELP	785,126	802,414	489,473	406,282	83,191
PERS TRV IN	371,415	355,522	149,319	150,836	(1,517)
STATE VEHICL	540,298	506,700	253,350	262,616	(9,266)
DEPRECIATION	680,640	753,316	376,658	346,480	30,178
PERS TRV OUT	33,831	48,400	20,328	18,080	2,248
OFF SUPPLY	276,247	303,868	127,625	142,503	(14,878)
FAC MAINT SU	377,293	458,687	192,649	147,952	44,697
EQUIP MAINT	451,909	350,636	147,267	238,598	(91,331)
PROF SUPPLY	0	10,000	4,200	0	4,200
AG CONS SUPP	340,020	366,258	153,828	142,505	11,323
OTHER SUPPLY	171,384	103,577	43,502	91,854	(48,352)
PRINT & BIND	218,479	283,625	119,123	187,357	(68,235)
UNIFORMS	161,845	132,575	55,682	36,175	19,507
COMMUNICATIO	293,531	204,100	85,722	125,149	(39,427)
RENTALS	57,169	65,035	27,315	19,042	8,273
UTILITIES	206,398	242,216	101,731	82,610	19,121
PROF SERV	343,892	392,780	164,968	194,089	(29,121)
OUTSIDE SERV	185,806	170,362	71,552	43,914	27,638
ADVER PUB	1,883	2,600	1,092	1,948	(856)
DATA PROC	74,037	64,000	26,880	48,694	(21,814)
REIMBURSMENT	72,133	68,450	28,749	13,186	15,563
EQUIPMENT	1,219,428	951,034	475,517	393,990	81,527
OTHER EXP	44,003	34,353	14,428	2,775	11,653
LICENSES	1,053	300	126	0	126
	19,393,097	18,898,781	8,755,950	8,690,801	65,149

WASTE MANAGEMENT ASSISTANCE DIVISION

EXPENSE CATEGORY	Actual FY95	Budget FY96	YTD Budget 12/31/95	YTD Actual 12/31/95	Under (Over)
PERS SERV	766,664	782,200	359,812	346,085	13,727
PERS TRV IN	29,522	47,214	19,830	10,076	9,754
PERS TRV OUT	23,060	39,165	16,449	10,047	6,402
OFF SUPPLY	9,635	32,030	13,453	5,028	8,425
EQUIP MAINT	634	1,900	798	692	106
OTHER SUPPLY	24,011	45,445	19,087	5,454	13,633
PRINT & BIND	30,863	61,258	25,728	13,812	11,916
UNIFORMS	0	0	0	28	(28)
COMMUNICATIO	14,932	16,000	6,720	6,300	420
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PROF SERV	75,578	123,897	52,037	9,240	42,797
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Request:	\$ 15,600 - Grant	
Applicant:	Local Government -- Davis County	
Description:	The proposed project involves developing and implementing a waste reduction and recycling education program targeting small businesses, industries, schools, hospitals, and retail outlets as a means of increasing participation in landfill diversion. The applicant will implement education programming throughout Davis County. Funding assistance is requested for salaries, mileage, educational materials and supplies.	

Application 3:	R. C. Recycling Services -- Richard Armstrong -- 515-484-5438 206 West Marshall Street Toledo, Iowa 52342	Project Title: Curbside Recycling Program
Request:	\$ 254,499 - Loan	
Applicant:	Private For Profit -- Tama County	
Description:	The applicant is proposing to offer curbside recycling for urban and rural waste generators in the County. The inclusion of commercial and industrial and the Meskwaki Indian Settlement and the Meskwaki Bingo and Casino Complex is also anticipated. Financial assistance is requested for building construction, equipment, and education materials. Initial landfill diversion is estimated to be approximately 3,000 to 5,000 tons annually.	

Application 4:	Kirkwood Community College -- Barrie Swinbank -- 319-398-5609 6301 Kirkwood Blvd. SW P.O. Box 2068 Cedar Rapids, Iowa 52406	Project Title: Composting Education
Request:	\$ 90,391 - Grant	
Applicant:	Local Government -- Linn County	
Description:	The applicant is proposing to develop a comprehensive educational curriculum that addresses composting of organics from municipal, residential, and agricultural sources. The project will result in three new course offerings including: a one semester credit course in on-farm composting for Agricultural Sciences students, a municipal composting component for the existing Landfill Operators course, and a continuing education course in backyard composting for homeowners. Financial assistance is requested for construction, equipment, contracted compost screening and testing services, promotion/education materials and wages.	

Application 5:	Moulded Fibre Technology -- Kevin Donoghue -- 508-352-2200 172 East Main Street Georgetown, MA 01833	Project Title: Recycled Content Product Manufacturing
Request:	\$ 350,000 - Grant	
Applicant:	Private For Profit	
Description:	The applicant is proposing to locate a new plant in eastern Iowa. The plant will manufacture custom designed precision moulded fibre packaging products made primarily from 100% recycled ONP and similar paper. The facility will serve as a significant waste paper market with a minimum of 1,008 tons per year required. The applicant has existing plants in Maine and California and will create between 30 and 40 new Iowa jobs. Financial assistance is requested for the purchase and installation of a moulded fibre manufacturing machine.	

Application 6:	Genesis Development -- Terry Johnson -- 515-386-3017 115 South Wilson Jefferson, Iowa 50129	Project Title: Recycling Center Expansion
Request:	\$ 365,569 - Loan	
Applicant:	Private Not For Profit -- Greene County	
Description:	In response to providing recyclables processing services to additional counties, the applicant is proposing to relocate processing operations to a larger facility. Financial assistance is requested for the purchase and remodeling of an existing building and the purchase of additional equipment. The applicant is located in the City of Jefferson and processes recyclables from Greene, Guthrie Counties, north Dallas County and the City of Perry.	

Application 7:	Rimade Shredding -- Marc Drees -- 712-669-3388 15876 280th Street Manning, Iowa 51455	Project Title: Waste Tire Processing
Request:	\$ 300,000 - Loan	
Applicant:	Private For Profit -- Carroll County	
Description:	The applicant is proposing to provide a portable tire shredding service targeting waste tire stockpiles and tire retailers. Potential uses include landfill leachate collection and TDF. The applicant would provide tire shredding services in western Iowa. Financial assistance is requested for equipment and wages.	

Application 8:	Adventure Plastics, Inc. -- Stan Siems -- 515-847-3504 32567 130th Street Ackley, Iowa 50601	Project Title: Recycled Content Product Manufacturing
Request:	\$ 71,400 - Loan	
Applicant:	Private For Profit -- Hardin County	
Description:	The proposed project involves purchasing plastics (numbers 1,2,3,4,5 and possibly 6) collected within the project service area of Hardin, Grundy, and Franklin Counties and manufacture such products as shims, tent stakes, and other products. The applicant is requesting financial assistance for a building addition and the purchase of a grinder, plastic cleaning system and molds.	

Application 9:	Fremont County Waste Systems -- Mike Haun -- 712-382-1322 1207 Adams P.O. Box 13
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Request: Hamburg, Iowa 51640 Project Title: Weight-Based Solid Waste Collection
Applicant: \$ 140,500 - Grant \$ 42,000 - Loan
Description: Private For Profit -- Fremont County
The applicant is proposing to implement the first residential weight-based solid waste collection program in the state as a means of encouraging waste reduction and recycling. This fee structure will "reward" homeowners for each incremental decrease in solid waste generation. The pilot project would be implemented in the Cities of Farragut, Riverton, Sidney and Hamburg in Fremont County. It is estimated that an additional 15% reduction in solid waste tonnage can be expected with the project. Financial assistance is requested for consulting fees, labor, education materials, equipment, and collection containers

Application 10: Bluestem Solid Waste Agency -- Liz Christiansen/Mike Berkshire -- 319-398-1278
P.O. Box 2068
Cedar Rapids, Iowa 52406 Project Title: Landfill Ban Impact Evaluation
Request: \$ 65,464 - Grant
Applicant: Local Government -- Linn County
Description: A corrugated cardboard landfill ban will be implemented at the two landfills owned and operated by the applicant effective April 1, 1996. As a means of assessing the impact of the ban, a waste sort and characterization study will be conducted before and after the landfill ban is implemented. Results of the study will be presented and made available to local governments, solid waste officials, the Department and legislators to assist in landfill diversion program decision-making. Financial assistance is requested for conducting and reporting the waste sort and characterization study.

Application 11: City of Walnut -- Randall Larson -- 712-784-3711
Rural Route 2, Box 5B
Walnut, Iowa 51577 Project Title: Ag-Bag Composting Demonstration
Request: \$ 66,385 - Grant
Applicant: Local Government -- Pottawattamie County
Description: The applicant is proposing a demonstration project by composting yard waste in an ag-bag. Air will be forced into the closed bag to sustain aerobic conditions. Each sealed bag is capable of holding approximately 36 tons of shredded material. Yard waste will be accepted from the City of Walnut and surrounding communities. Financial assistance is requested for equipment, equipment operating costs, site improvements and wages.

Application 12: Roger Wahl -- 319-266-2131
3433 Jepsen Road
Cedar Falls, Iowa 50613 Project Title: Waste Tire Processing Demonstration
Request: \$ 610,000 - Grant
Applicant: Private Not For Profit -- Black Hawk County
Description: The applicant is proposing to demonstrate a new method of collecting and processing whole tires using a vehicle capable of shredding whole tires, compacting the tire shreds and transporting the tire shreds to a site for further processing or to an end market. The applicant's farm and existing waste tire stockpile, located in Chickasaw County, will be used as the test site.

Application 13: Bowe Machine Company -- Mark Stutenberg -- 319-355-4777
2527 State Street
P.O. Box 829
Bettendorf, Iowa 52722 Project Title: Coolant Recycling

Application 14:	Bowe Machine Company -- Mark Stutenberg -- 319-355-4777 2527 State Street P.O. Box 829 Bettendorf, Iowa 52722	Project Title: Waste Oil Combustion
Request:	\$ 31,600 - Grant	
Applicant:	Private For Profit -- Scott County	
Description:	The applicant is proposing to implement a new technique for burning spent waste oil and recover the resulting energy to heat their existing facility. During the non-heating season, the heat exchanger would be by-passed with the spent oil directed to an evaporation tank. It is estimated that the company would realize a \$5,500 heating bill savings annually. Financial assistance is requested for equipment and wages.	

Application 16:	Iowa State University -- Dr. Bruce Kjartanson -- 515-294-3925 213 Beardshear Ames, Iowa 50011	Project Title: Study of Waste Tire Performance Used In Drainage Construction Projects
Request:	\$ 150,946 - Grant	
Applicant:	Local Government -- Story County	
Description:	The applicant is proposing to research the use of whole and larger-sized shredded tires in drainage structures. Specific research goals include: characterize and quantify erosion resistance, permeability and consolidation response of ground tires; determine the engineering behavior of whole tires as buried drainage conduits, quantify the performance and establish guidelines for the construction of drainage structures composed of shredded and whole tires. Potential benefactors of the research include farmers, construction contractors, consulting engineers and government agencies. Financial assistance is requested for research salaries, travel and construction of lab test equipment.	

E96Jan-14

Request:	1511 Third Avenue	Project Title: Recycling Capture Rate and Cost Effectiveness Study
Applicant:	Suite 1018	
Description:	Seattle Washington 98101	
	\$ 32,000 - Grant	
	Private For Profit	
	The proposed study project is to provide implementable information on recycling, yard waste and other landfill diversion incentive programs, including associated costs, to help communities determine what program designs or refinements could result in program improvements. Financial assistance is requested for wages resulting from data collection, analysis and reporting.	

Application 18:	Tellus Institute -- Dave MacAnulty -- 617-266-5400	Project Title: Solid Waste Planning - Software Demonstration
	11 Arlington Street	
	Boston, MA 02116-3411	
Request:	\$ 98,823 - Grant	
Applicant:	Private Not For Profit	
Description:	The proposed project is to provide regional and local solid waste planners with an integrated waste management software program designed to analyze all aspects of solid waste management costs and operations as a means of tracking and diverting solid waste from Iowa landfills. The proposed project targets four Solid Waste Comprehensive Planning Areas (Dubuque Metro Area Solid Waste Agency, the Harrison County Landfill Commission, Iowa Northland Regional Council of Governments and the Rural Iowa Waste Association) for initial demonstration. Financial assistance is requested for salaries, travel, and supplies.	

Application 19:	J & M Woodshavings -- Joe Barragy/Tom Barragy -- 515-357-4009	Project Title: Wood Waste Recycling
	14476 Finch Avenue	
	Clear Lake, Iowa 50428	
Request:	\$ 190,300 - Loan	
Applicant:	Private For Profit -- Cerro Gordo County	
Description:	The proposed project consists of grinding wood waste and marketing the ground wood for animal bedding and mulch. Approximately 180 ton of material will be processed and marketed each of the first two years. As part of the proposed project, the applicants will manufacture cove, quarter-round and other interior molding from recovered usable lumber. Financial assistance is requested for the purchase of a front end loader and equipment. Wood waste targeted for recycling will be recovered from large generators in north central Iowa.	

Application 20:	Permeate Refining, Inc. -- Carol Lehman -- 319-362-0844	Project Title: Food Waste To Ethanol Production
	P.O. Box 9521	
	Cedar Rapids, Iowa 52409-9521	
Request:	\$ 552,858 - Loan	
Applicant:	Private For Profit -- Linn County	
Description:	The applicant is proposing to improve raw material handling operations at the existing ethanol production facility located in the City of Hopkinton, Delaware County. The applicant processes sugars and starches to produce alcohol. The alcohol is then blended with gasoline and marketed as ethanol. Raw materials are principally generated by Iowa grain and food processors. Over 7 million pounds of waste materials are processed annually by the applicant. Financial assistance is requested for three semi-tractors and six trailers.	

Application 21:	River Cities Management L.L.C. -- Brad Lee -- 402-493-2800
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Request: Applicant: Description:	1511 Third Avenue Suite 1018 Seattle Washington 98101 \$ 32,000 - Grant Private For Profit The proposed study project is to provide implementable information on recycling, yard waste and other landfill diversion incentive programs, including associated costs, to help communities determine what program designs or refinements could result in program improvements. Financial assistance is requested for wages resulting from data collection, analysis and reporting.	Project Title: Recycling Capture Rate and Cost Effectiveness Study
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Application 18: Request: Applicant: Description:	Tellus Institute -- Dave MacAnulty -- 617-266-5400 11 Arlington Street Boston, MA 02116-3411 \$ 98,823 - Grant Private Not For Profit The proposed project is to provide regional and local solid waste planners with an integrated waste management software program designed to analyze all aspects of solid waste management costs and operations as a means of tracking and diverting solid waste from Iowa landfills. The proposed project targets four Solid Waste Comprehensive Planning Areas (Dubuque Metro Area Solid Waste Agency, the Harrison County Landfill Commission, Iowa Northland Regional Council of Governments and the Rural Iowa Waste Association) for initial demonstration. Financial assistance is requested for salaries, travel, and supplies.	Project Title: Solid Waste Planning - Software Demonstration
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Application 19: Request: Applicant: Description:	J & M Woodshavings -- Joe Barragy/Tom Barragy -- 515-357-4009 14476 Finch Avenue Clear Lake, Iowa 50428 \$ 190,300 - Loan Private For Profit -- Cerro Gordo County The proposed project consists of grinding wood waste and marketing the ground wood for animal bedding and mulch. Approximately 180 ton of material will be processed and marketed each of the first two years. As part of the proposed project, the applicants will manufacture cove, quarter-round and other interior molding from recovered usable lumber. Financial assistance is requested for the purchase of a front end loader and equipment. Wood waste targeted for recycling will be recovered from large generators in north central Iowa.	Project Title: Wood Waste Recycling
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Application 20: Request: Applicant: Description:	Permeate Refining, Inc. -- Carol Lehman -- 319-362-0844 P.O. Box 9521 Cedar Rapids, Iowa 52409-9521 \$ 552,858 - Loan Private For Profit -- Linn County The applicant is proposing to improve raw material handling operations at the existing ethanol production facility located in the City of Hopkinton, Delaware County. The applicant processes sugars and starches to produce alcohol. The alcohol is then blended with gasoline and marketed as ethanol. Raw materials are principally generated by Iowa grain and food processors. Over 7 million pounds of waste materials are processed annually by the applicant. Financial assistance is requested for three semi-tractors and six trailers.	Project Title: Food Waste To Ethanol Production
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Application 21:	River Cities Management L.L.C. -- Brad Lee -- 402-493-2800
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Request: Applicant: Description:	11506 Nicholas Omaha, Nebraska 68154 \$ 325,000 - Loan Private For Profit The proposed project involves installing equipment capable of burning wood waste to create steam for heating purposes during the heating season. During the non-heating seasons, the steam will be used to create electricity and sold. The applicant has purchased a large building in Davenport, Scott County, (the old Caterpillar Plant), occupies a portion of the facility and leases a portion to other businesses. Approximately 20,000 tons of wood waste would be needed annually. Financial assistance is requested for waste to energy equipment.	Project Title: Wood Waste Combustion
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Application 22: Request: Applicant: Description:	American Plastic Processors, L.L.C. -- Richard Pankey -- 319-362-9102 P.O. Box 1862 Cedar Rapids, Iowa 52406 \$ 590,000 (\$ 309,850 -- Loan) (\$ 280,710 -- Grant) Private For Profit - Linn County The applicant is proposing to establish a new plastic film (Saran) processing facility to be located in the City of Mt. Vernon, Linn County. Targeted plastics would be collected from a 225 mile radius of the facility. The plastic film will be processed into densified pellets and marketed to manufacturing firms. The applicant estimates that 7.5 million of plastic film will be diverted from the landfill each year. Financial assistance is requested for equipment.	Project Title: Plastic Film Recycling
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Application 23: Request: Applicant: Description:	Tasler, Inc. -- Ron Jones -- 515-832-5200 P.O. Box 622 Webster City, Iowa 50595 \$ 321,750 -- Loan Private For Profit -- Hamilton County The proposed project involves the expansion of the broken pallet division of the existing pallet manufacturing facility. Broken pallets will be refurbished and marketed with unusable wood ground and either marketed for animal bedding or burned to generate heat for the facility. Approximately 650,000 used pallets generated across the state and surrounding states will be recycled annually. Financial assistance is requested for a pallet assembler.	Project Title: Used Pallet Recycling
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Application 24: Request: Applicant: Description:	Skumatz Economic Research Associates -- Lisa Skumatz -- 206-624-8508 1511 Third Avenue, Suite 1018 Seattle Washington 98101 \$ 39,000 - Grant Private For Profit The proposed project involves developing a "how to" manual and training workshops to assist all Iowa solid waste agencies implement the necessary tracking and analytical efforts to evaluate existing programs. Financial assistance is requested for research wages and materials preparation.	Project Title: Solid Waste Planning Manual
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Application 25: Request: Applicant: Description:	Hy-Line International --Gary Coleman -- 515-992-3736 P.O. Box 310 Dallas Center, Iowa 50063 \$ 553,731 - Grant Private For Profit -- Dallas County The proposed project expands the existing hatchery waste to livestock feed program to include	Project Title: Spent Fowl Recycling Expansion
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spent hens and roosters. The applicant proposes to test the fermenting of spent fowl and combine it with the other hatchery waste. This mixture would then be processed through the existing system into an animal feed component. The pilot project will take place at the Dallas Center facility and if successful, will be expanded to other hatcheries in the state. Financial assistance is requested for a processing truck, building expansion, equipment, fermentation bacteria, carbohydrate carrier, and soybean meal for blending.

Application 26: Adair County Sanitary Landfill Commission -- Dennis Reha -- 515-743-8343
1645 Hwy. 25
Menlo, Iowa 50164-8023 Project Title: Recycling Center Expansion
Request: \$ 186,065 - Loan
Applicant: Local Government -- Adair County
Description: The applicant is requesting financial assistance for building construction and equipment to expand recycling processing capabilities. The facility will serve the Adair County Solid Waste Planning Area that includes all communities and rural population within Adair County and residents of the communities of Adair, Casey, Menlo and Stuart in Guthrie County. The current facility also accepts large quantities of materials from the area's commercial and industrial solid waste generators. The applicant estimates that 3,728 tons of material will be recycled annually.

Application 27: R & R Recycling, Inc. -- Sam Stewart -- 319-643-2791
P.O. Box 561
West Branch, Iowa 52358 Project Title: Recyclables Collection Program
Request: \$ 49,111 - Grant
Applicant: Private For Profit - Cedar County
Description: The applicant is proposing to provide curbside and drop-off recyclables collection for mobile home parks and apartment units in Cedar County. Financial assistance is requested for a recycling trailer, a 1 year lease on a baler and building construction. It is estimated that 10 to 60 tons will be diverted within the next five years.

Application 28: BioFuels Corporation -- Warren Dunham -- 515-964-6791
2010 South Ankeny Blvd.
Ankeny, Iowa 50021 Project Title: Mill Sludge and Sawdust Recycling
Request: \$ 61,182 - Grant
Applicant: Private For Profit -- Polk County
Description: The applicant is proposing to expand the types of material currently being processed and marketed as Fueleetts™ by accepting and blending mill sludge from Cedar River Paper Company and sawdust waste with non-recyclable paper waste stream. It is estimated that 1,250 tons will be diverted from Iowa landfills annually. Financial assistance is requested for research and testing of sludge handling characteristics, engineering of the blending system and construction of the blending system.

Application 29: Iowa Department of General Services -- Tim Ryburn -- 515-281-3137
1305 East Walnut
Des Moines, Iowa 50319 Project Title: Capitol Complex Recycling Program
Request: \$ 28,975 - Loan
Applicant: Local Government -- Polk County
Description: The applicant is proposing to purchase and distribute 3,773 combination recycling and trash receptacles for employees to sort waste and recyclable materials at their individual work stations in 14 buildings on the Capitol Complex. The project, once implemented, will result in increased

diversion of paper materials from the landfill. The applicant is requesting financial assistance for the purchase of the receptacles.

Application 30: Iowa Department of General Services -- Tim Ryburn -- 515-281-3137
1305 East Walnut
Des Moines, Iowa 50319 Project Title: Paper Towel Waste Reduction
Request: \$ 151,396 - Grant
Applicant: Local Government -- Polk County
Description: The proposed project involves the purchase and installation of 194 electric hand dryers in the rest rooms of 13 buildings on the Capitol Complex. The project will eliminate paper towel waste which constitutes approximately 50% of the paper waste currently landfilled. Financial assistance is requested for the purchase and installation of the electric hand dryers.

Application 31: Iowa Department of General Services -- Tim Ryburn -- 515-281-3137
1305 East Walnut
Des Moines, Iowa 50319 Project Title: Waste Reduction and Recycling Coordinator
Request: \$ 54,057 - Grant
Applicant: Local Government -- Polk County
Description: The applicant is requesting first year funding for a full time Recycling Coordinator to coordinate implementation of WRAP recommended recycling and pollution prevention initiatives, develop new and oversee existing Capitol Complex recycling programs, organize building recycling coordinators, develop and implement education and awareness programs across the Capitol Complex. After the first year, the Recycling Coordinator position will be funded through recycling revenues and waste reduction cost savings.

Application 32: University of Northern Iowa -- Rakhee Kaparathi -- 319-273-2079
Agriculture and Home Economics Experiment Station -
Agronomy Department
75 Biology Research Complex Project Title: Water Treatment Plant Lime Sludge
Cedar Falls, Iowa 50614-0185 Recycling Study
Request: \$ 62,025 - Grant
Applicant: Local Government -- Black Hawk County
Description: The goal of proposed project is to determine the agronomic benefits of water-treatment lime sludge residual on crop growth by applying lime sludge as a soil amendment to field crops commonly grown in Iowa (i.e., corn, soy beans and alfalfa). The agricultural and economic benefits of using lime sludge as a soil amendment in place of traditional alkaline stabilization products will also be identified. Current disposal methods of lime sludge is landfilling and land application. 35 municipalities report that between 300 and 90,000 dry tons of lime sludge is generated annually. Financial assistance is requested for wages, supplies and travel.

Application 33: Harrison County Landfill Commission -- Bruce Jones -- 712-644-2348 or 712-644-3093
P.O. Box 121
Logan, Iowa 51546 Project Title: Waste Reduction and Recycling Education
Request: \$ 1,814.50 - Grant
Applicant: Local Government -- Harrison County
Description: The proposed project involves increasing education efforts and public awareness of waste reduction, reuse, recycling and composting opportunities within Harrison County. Financial assistance is requested for survey mailings, education material development and procurement.

Application 34:	JaiTire Industries, Inc. -- Tom Balkum -- 303-322-7887 4591 Ivy Street Denver, Colorado 80216	Crumb Rubber Alternative Use Demonstration
Request:	\$ 64,610 - Grant	
Applicant:	Private For Profit	
Description:	The applicant is proposing to research the benefits of top dressing grass turf with crumb rubber to demonstrate the improved wearability of the turf, reduction in water usage, and improved safety of an athletic field. The full scale demonstration is proposed to take place at the Ames Youth Sports Complex, Story County. The proposed project is to demonstrate a new market for processed waste tires. Financial assistance is requested for the purchase of crumb rubber, project analysis, travel and administration fees.	

Discussion followed regarding unique or varied projects, and grinding sludge.

Kathryn Draeger asked if Hy-Line International had received a previous grant and noted that they are now applying for another one.

Director Wilson stated that it is not unusual for an applicant to request a second grant and occasionally additional funding is provided.

Charlotte Mohr commented that Application #34 is an out-of-state applicant. She added that even though the project is taking place in Story County the Commission should be careful in giving out-of-state grants.

INFORMATIONAL ONLY

LANDFILL ALTERNATIVES FINANCIAL ASSISTANCE PROGRAM CONTRACTS

Sherry Timmins, Bureau Chief, Waste Management Assistance Division, presented the following item.

Through Waste Management Assistance Division planning efforts, it was decided to target Iowa's Area Agencies on Aging to encourage the use of reusable items in home delivered meals and congregate meal site programs. As a means of assisting the implementation of this type of waste reduction project, the Department offered financial assistance to expand, improve, or implement the use of reusable meal delivery items (i.e., reusable meal trays, reusable bowls, cups, glasses, and flatware) and associated equipment such as dishwashers and meal tray carriers in order to reduce or eliminate the generation of solid waste by these programs.

This targeted project is funded by a portion of solid waste tonnage fees through the Landfill Alternatives Financial Program. Request for Proposals (RFP) were prepared and mailed to all sixteen Area Agencies on Aging, as identified by the Department of Elder Affairs, in mid September. The deadline for submitting a correctly completed RFP was November 13, 1995.

Waste Management Assistance Division staff reviewed the seven proposals submitted. Funding recommendations were finalized in mid December.

A total of \$215,790 is awarded to six Area Agencies on Aging. One of the selected agencies, Aging Resources of Central Iowa, administers seven separate meals programs in central Iowa. In total, thirteen home delivered and congregate meal site programs will be impacted by replacing disposables with reusables. Three of the recommended projects have contracts in excess of \$25,000. Contracts for these projects are attached.

The following is a summary of each recommended project:

Scenic Valley Area VIII Agency on Aging
2013 Central Avenue
Dubuque, Iowa 52001-3502
Dubuque County

Linda McDonald
319-588-3970
Request: \$7,034
Offer: \$7,034

The proposed project involves implementing a new congregate meals program in the City of Dubuque and expand the home delivered meals program in Delaware County by serving additional clients and by increasing the number of meals provided from five days to seven days per week. Funds are requested for the purchase of reusable meal trays and meal tray carriers. Meals programs are provided in Dubuque, Delaware and Jackson Counties.

The applicant has not received prior financial assistance.

Hawkeye Valley Area Agency on Aging
2101 Kimball Avenue, Suite 320
P.O. Box 2576
Waterloo, Iowa 50704
Black Hawk County

Shirley Merner
319-233-5214
Request: \$46,486
Offer: \$46,486

The applicant is experiencing a 50% increase in the number of home delivered meals over FY95 levels and it is anticipated that 360,000 home delivered meals will be served during the current fiscal year. The applicant is requesting grant funds for the purchase of additional meal trays, meal tray carriers and dishwasher racks to meet the increase in demand for home delivered meals. The project will serve residents in Black Hawk, Bremer, Buchanan, Butler, Chickasaw, Hardin, Grundy, Marshall, Poweshiek and Tama Counties. The applicant estimates that the project will divert 2,982 cubic feet of solid waste from Iowa landfills in the first year. When considering the amount of solid waste diverted by both the existing reusable meals program and the proposed project, 5,500 cubic feet of solid waste will be eliminated.

The applicant received a \$23,652 grant through the Landfill Alternatives Financial Assistance Program awarded during the June 1995 round of funding to implement Phase I of the reusable

meal tray program for home delivered meals. The proposed program will implement Phase II of their planned reusable meal tray program expansion.

Area XIV Agency on Aging
228 North Pine Street
Creston, Iowa 50801
Union County

Mary Linderman
515-782-4040
Request: \$9,299.40
Offer: \$9,275

The proposed project involves providing reusable meal trays, cups and flatware for satellite meals programs in the Cities of Lorimor, Thayer, Afton, and Decatur. Also included in this request is the purchase of three (3) dishwashers to assist in the continuance and expansion of the satellite meals programs. In FY95, 185,667 meals were served by the applicant and it is estimated that the proposed project will eliminate an additional 100 cubic feet of compacted solid waste. The applicant provides meals programs in Adair, Adams, Clarke, Decatur, Ringgold, Taylor and Union Counties.

The applicant has received two previous grants to implement the reusable meals program. The first award was in December 1991 for \$7,520 and the second award was in June 1993 for \$3,840. The proposed project will eliminate disposable meal container use from the final group of clients by targeting the satellite congregate meals program.

Southwest 8 Senior Services, Inc.
3319 Nebraska Avenue
Council Bluffs, Iowa 51501
Pottawattamie County

Phillip Shehi
712-328-2540
Request: \$10,503.20
Offer: \$10,501

The proposed project will expand use of reusable meal trays in the applicant's homebound meals program and eliminate the use of disposable bowls. Approximately 273,000 meals are currently served annually. The additional reduction of 555 cubic feet per year in solid waste generation by the proposed project will bring total landfill diversion to 1,119 cubic feet annually.

The applicant received a \$6,114 grant during the June 1992 round of funding. The proposed project will expand and improve the reusable meal tray program put in place at that time.

Great River Bend Area Agency on Aging
736 Federal Street
P.O. Box 3008
Davenport, Iowa 52808-3008
Scott County

Pat Laas
319-324-9085
Request: \$28,727
Offer: \$28,648

The applicant provides over 240,000 meals per year at 33 meal sites in Scott, Muscatine and Clinton Counties. Grant assistance is requested for the purchase of eight (8) reusable meal tray sanitizers to be located in selected sites. Site selection was based on sites where no dishwasher currently exists and disposable items are used because of the large number of meals served making hand washing unfeasible. Based on the current number of meals served at the targeted sites, the project will divert and additional 10,600 sets of disposable meal trays and plastic flatware from the landfill annually.

The applicant received a \$3,600 grant during the December 1991 funding period to implement reusable meal tray use for a portion of the home delivered meal programs. The applicant also received a \$6,166 grant during the June 1995 round of funding to implement a reusable program as a result of the addition of a new meals program, the Medicaid Waiver program. The proposed project is targeting congregate meal sites within their service area that continue to use disposable meal containers and flatware.

Aging Resources of Central Iowa
5835 Grand Avenue, Suite 106
Des Moines, Iowa 50312-1439
Polk County

Joel Olah or Alice Musselman
515-255-1310
Request: \$116,546.05
Offer: \$113,846

The applicant sub-contracts congregate meal site and home delivered meal programs in Boone, Jasper, Madison, Marion, Polk, Story and Warren Counties. The applicant requested each sub-contractor review their program for eliminating disposable meal containers and replace with reusables where feasible. The applicant's service area provided over 757,000 meals during FY95. The application requests financial assistance for implementing, expanding or improving meals program in the seven county service area.

No financial assistance has previously been awarded. Below is a brief description of each program administered by the applicant.

Pioneer House Adult Day Care Center

Request: \$ 5,389.24 Offer: \$4,142

The applicant is a department of the Dallas County Hospital serving approximately 75 clients, staff and volunteers in the City of Perry, Dallas County. Over 8,400 meals and snacks are served annually to current clients all in disposable containers. Funding assistance is requested for reusable meal trays, containers, a dishwasher, reusable bowls, glasses and various other food preparation/serving items.

Jasper County Congregate Meals

Request: \$ 7,344

Offer: \$ 7,343

The applicant is requesting grant assistance for the purchase of reusable meal trays and tray carriers for use in their home delivered meals program for the Cities of Colfax and Monroe,

Jasper County. Also requested, is assistance for the purchase of a dishwasher for use at the Monroe site. A total of 9,084 meals were delivered during FY95.

Madison County Elderly Services, Inc.

Request: \$ 18,950 Offer: \$ 18,950

The applicant serves approximately 20,640 home delivered meals annually and is experiencing an increase in the number of clients served, increased frequency of meal delivery. The City of Patterson is planned to be added to their service area. The current program serves the Cities of Winterset, Earlham, Truro, Peru and St. Charles. The proposed project would divert from the landfill up to 45,000 disposable meal containers annually under current participation. Grant assistance is requested for reusable meal trays and containers.

Marion County Elderly Nutrition

Request: \$ 16,758 Offer: \$16,758

The existing congregate/home delivered meal sites program serves all of Marion County. 23,502 meals were served during FY95 for all of Marion County. Grant assistance is requested for meal trays, soup bowls and dishwashers. The proposed project will result in expanding the number of days that meals are delivered per from three to five per week in two of their meal site locations..

Generations Incorporated

Request: \$ 26,600

Offer: \$26,600

The applicant provides home delivered meals and congregate meal programs in Polk County. The proposed project involves replacing disposable meal containers with reusable meal trays for use in the home delivered meals program. A total of 204,867 meals were delivered in FY95. The proposed project would divert 403,200 disposable trays from the landfill annually.

Heartland Senior Services

Request: \$ 9,987.81

Offer: \$ 8,441

The applicant currently administers a meals program at six congregate meal sites and provides home delivered meals in ten rural communities. The focus of the proposed project is improving both congregate meal site and home delivered meal programs in southern Story County, affecting six communities. In 1995, over 14,500 meals were served in the targeted area. It is projected that the number of meals served will increase by 20% in each of the next two years. Funding assistance is requested for meal trays, tray carriers, a dishwasher, utility carts and miscellaneous mugs, glasses and flatware.

Warren County Nutrition Program

Request: \$ 31,925 Offer: \$ 31,612

The existing congregate meal site and home delivered meals program serves all of Warren County from four meal serving sites (Carlisle, Indianola, Lacona and Martensdale). With the exception of the Indianola congregate meal site, all home delivered meals and congregate

site meals are currently served on disposable meal containers. In 1995, 67,778 disposable meal containers were used under the existing program. The proposed project would reduce the generation of approximately 14,917 cubic feet of solid waste. Grant assistance is requested for meal trays, tray carriers, dishwashers, utility carts mugs, glasses and flatware.

The Request for Proposals limited the scope of each project to very specific activities. Consequently the Scope of Work for each contract is the same and contains the following narrative:

The Contractor shall purchase equipment and supplies necessary to support implementing, expanding or improving congregate meal site and home delivered meal programs through the use of reusable meal items in place of disposables. This waste reduction project will assist the Contractor to reduce the amount of solid waste generated and the amount of solid waste landfilled while improving the quality of the meals program for its clients.

Due to the very short time frame in which these projects will take to become operational and previous experience in administering grants of this type, no monthly reports will be required. Instead of monthly reports, a detailed final report will be required of each Contractor. Reporting requirements of the final report are included in each contract as Appendix B. An example of Appendix B is attached.

At this time, the three (3) contracts requesting in excess of \$25,000 are presented to the Commission for approval.

Aging Resources of Central Iowa
5835 Grand Avenue, Suite 106
Des Moines, Iowa 50312-1439
Alice Musselman/Joel Olah
515-255-1310

APPENDIX A

BUDGET

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Reusable bowls (2,332)	\$ 4,251	\$ 228	\$ 4,479
Reusable cups (544)	699	38	737
Dishwashers (8)	32,060	2,966	35,026
Dishwasher rack (12)	133	8	141

Flatware (706 sets)	2,032	109	2,141
Meal trays (7,944)	51,145	2,693	53,838
Reusable mugs (144)	136	8	144
Tray carriers (634)	22,765	1,199	23,964
Tumblers (784)	625	34	659
TOTALS	\$ 113,846.00	\$ 7,283.00	\$ 121,129.00

Great River Bend Area Agency on Aging
736 Federal Street
P.O. Box 3008
Davenport, Iowa 52803
Pat Laas
319-324-6410

APPENDIX A

BUDGET

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Compartment trays (20 dozen)	\$ 1,026	\$ 54	\$ 1,080
Dishwashers (8)	27,192	1,432	28,624
Soup Bowls (4 dozen)	50	3	53
Cups (20 dozen)	273	15	288
Flatware (5 dozen)	65	4	69
Glasses (5 dozen)	42	3	45

TOTALS	\$ 28,648.00	\$ 1,511.00	\$ 30,159.00
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Hawkeye Valley Area Agency on Aging
2101 Kimball Avenue, Suite 320
P.O. Box 2576
Waterloo, Iowa 50705
Shirley Merner
319-233-5214

APPENDIX A

BUDGET

ITEM	DNR GRANT	COST SHARE	TOTAL COST
Meal trays (2,988)	\$ 25,547	\$ 1,345	\$ 26,892
Meal tray carriers (298)	12,456	656	13,112
Carrier Inserts (298)	707	38	745
Dishwasher racks (36)	1,931	102	2,033
Reusable bowls (3,000)	5,842	308	6,150
TOTALS	\$ 46,483.00	\$ 2,449.00	\$ 48,932.00

APPENDIX B

FINAL REPORT

Provide a detailed description of all applicable items from the following list in the Final Report. If information items not appearing below are pertinent for the Final Report reader to understand your program, include a detailed description in the Final Report.

1. Reasons for selecting the number and type(s) of items identified in Appendix A.
2. List the communities served by the Project including the number of home delivered meals and the number of congregate meals served per community impacted by the Project. Also identify the number of meals delivered to rural areas by county.
3. Detail each meal program impacted by the Project. Include such items as: frequency of meal preparation/delivery, weekend meals provided, sanitizing/washing of reusable items,

location of satellite meal preparation sites, etc.

4. Discuss Project awareness/promotion activities educating clients on changes in the meals programs. Attach to the Final Report, newspaper or newsletter articles or other media items regarding the Project.
5. Provide temperature comparisons between disposable and reusable meal trays used in home delivery meals program from origin to destination. Provide Department of Elder Affairs guidelines as a bench mark for this comparison.
6. Discuss problems with and corrective actions taken regarding meal preparation, meal delivery, the return of reusable meal trays from home delivered programs and other problems encountered during Project implementation and operation. Provide results of the corrective actions taken.
7. Customer response to meal program changes.
8. Annualize the number and estimate the volume of disposable meal trays diverted from the landfill, currently and year 2000 projection. Identify assumptions and show calculations.
9. Summary of project implementation costs.
10. Net impact on program costs. Include annual cost savings resulting from reducing/eliminating disposable meal tray purchases and any increases/decreases in operating costs after Project implementation.
11. If disposable meal containers remain a part of your meals program, detail the reason(s) for their continued use and future plans to eliminate their use.

Brief discussion followed regarding equipment purchased, sites where equipment is stored, and whether any grant funds have contributed in correlation to these areas meeting their landfill reduction requirements.

Kathryn Draeger suggested possibly targeting some of the future grants to areas that have not met their reduction goals.

Motion was made by William Ehm to approve the Landfill Alternative Financial Assistance contracts with Hawkeye Valley Area Agency on Aging, Great River Bend Area Agency on Aging, and Aging Resources of Central Iowa, as presented. Seconded by Michael Fesler. Motion carried unanimously.

APPROVED AS PRESENTED

MONTHLY REPORTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report

2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
RULEMAKING STATUS REPORT
January 1, 1996

PROPOSAL	NOTICE TO COMMISSION	NOTICE PUBLISHED	RULES REVIEW COMMITTEE	HEARING	FINAL SUMMARY TO COMMISSION	RULES ADOPTED	RULES PUBLISHED	RULES REVIEW COMMITTEE	RULE EFFECTIVE
1. Ch. 20, 22, 23, and 29 - AQ Rules Update & Waiver of Title V Applicability for Small Sources - MACT	12/18/95	*1/17/96	*2/12/96	*2/19/96	*3/18/96	*3/18/96	*4/17/96	*5/13/96	*5/22/96
2. Ch. 22 - Background Values for PM-10 AMENDED NOTICE	6/19/95 6/19/95	7/19/95 8/16/95	8/14/95 9/05/95	10/18/95	NOTICE *2/19/96	AMENDED *2/19/96	*3/13/96	*4/10/96	*4/17/96
3. Ch. 22 - New Source Review - Non-Attainment Areas	10/16/95	11/08/95	12/13/95	12/08/95	1/16/96	*1/16/96	*2/14/96	*3/11/96	*3/20/96
4. Ch. 22 - AQ Construction Permit Exemptions	10/16/95	EMERGENCY 11/08/95	12/13/95	12/08/95	10/16/95 1/16/96	10/16/95 *1/16/96	11/08/95 *2/14/96	12/13/95 *3/11/96	10/20/95 *3/20/96
5. Ch. 22 - Title V Fee Payment	10/16/95	11/08/95	12/13/95	12/11/95	1/16/96	*1/16/96	*2/14/96	*3/11/96	*3/20/96
6. Ch. 22 - Deferral of Title V Fee Payment	*2/19/96	*3/13/96	*4/10/96	*4/ /96	*5/20/96	*5/20/96	*6/19/96	*7/10/96	*7/24/96
7. Ch. 30 - Rescind Temporary Air Toxic Fees	ADOPTED	WITHOUT NOTICE			1/16/96	*1/16/96	*2/14/96	*3/11/96	*3/20/96
8. Ch. 40, 43 - Water Supply Permit Fees	8/21/95	9/13/95	10/11/95	10/03/95 10/04/95 10/05/95 10/06/95	NOTICE OF TERMINATION 11/20/95	11/20/95	12/20/95	1/03/96	*1/24/96
9. Ch. 47 - Grants to Counties	7/17/95	8/16/95	9/13/95	9/07/95	11/20/95	11/20/95	12/20/95	1/03/96	*1/24/96
10. Ch. 61 - AQ Standards - Nationwide Permits	11/20/95	12/20/95	1/03/96	-----	*2/19/96	*2/19/96	*3/13/96	*4/10/96	*4/17/96
11. Ch. 61 - AQ Standards - Stream Use Designations	*2/19/96	*3/13/96	*4/10/96	*4/ /96	*5/20/96	*5/20/96	*6/19/96	*7/10/96	*7/24/96
12. Ch. 65 - Animal Feeding Operations	10/16/95	11/08/95	12/13/95	12/4-5/95 12/7/95 12/12/95 12/14/95	1/16/96	*1/16/96	*2/14/96	*3/11/96	*3/20/96
13. Ch. 83 - Laboratory Certification * Projected	10/16/95	11/08/95	12/13/95	12/14/95 12/01/95 12/04/95 12/06/95 12/08/95 12/11/95 12/13/95	*2/19/96	*2/19/96	*3/13/96	*4/10/96	*4/17/96
14. Ch. 133, 135 - Underground Storage Tank - Risk Based Corrective Action Stds.	10/16/95	11/08/95	12/13/95	*2/06/96 *2/07/96 *2/08/96	*2/19/96	*2/19/96	*3/13/96	*4/10/96	*4/17/96
15. Ch. 134 - Groundwater Professional Certification	12/18/95	*1/17/96	*2/12/96		*2/19/96	*2/19/96	*3/13/96	*4/10/96	*4/17/96
16. Ch. 135 - Underground Storage Tanks	7/17/95	8/16/95	9/12/95	9/06/95	11/20/95	11/20/95	12/20/95	1/03/96	*1/24/96

Monthly Variance Report						
December, 1995						
Item No	Facility	Program	Engineer	Subject	Decision	Date
1	Lynn Springmier-Chickasaw County	Air Quality		Trade Waste	Approved	12/13/95
2	Missouri Valley, City of	Wastewater Construction	Olmsted & Perry, Consulting Engineers	Emergency Power	Approved	12/05/95
3	Amana Refrigeration, Inc.-Amana	Wastewater Operation		Monitoring Frequency	Approved	12/15/95
4	Parker Hannifin Corporation-Red Oak	Wastewater Operation		Monitoring Frequency	Approved	12/15/95
5	Cedar Rapids Water Department-Lime Sludge Landfill	Solid Waste	Midwest Environmental Consulting	Closure	Approved	12/11/95
6	Cedar Rapids Water Department-Lime Sludge Landfill	Solid Waste	Midwest Environmental Consulting	Groundwater Monitoring	Approved	12/11/95
7	Eddyville, City of	Watersupply Construction	IIW Engineers and Surveyors	Siting Criteria	Approved	12/21/95
8	Elks Lodge 297-Dubuque	Watersupply Construction	IIW Engineers and Surveyors	Design Basis	Approved	12/12/95
9	Harper, City of	Watersupply Construction	Garden & Associates	Duplication Requirements	Approved	12/15/95
10	Holstein, City of	Watersupply Construction	Siouxland Engineering Associates	Construction Materials	Approved	12/18/95
11	Worth County Park-Worth County Conservation Board	Watersupply Construction	Yaggy Colby Associates	Construction Materials	Approved	12/12/95
12	Worth County Park-Worth County Conservation Board	Watersupply Construction	Yaggy Colby Associates	Construction Materials	Approved	12/18/95

Report of Hazardous Conditions

During the period December 1, 1995, through December 31, 1995, 56 reports of hazardous conditions were forwarded to the central office. Two incidents are highlighted below. A general summary and count by field office is attached. This does not include releases from underground storage tanks, which are reported separately.

Date Reported and County	Material, Amount, Cause, Location & Impact	Responsible Party	Response
12/05/95 Harrison	A truck driver hit a bridge, causing up to 300 gallons of diesel fuel to leak out of the saddle tanks. Fuel spilled into the roadside ditch and a creek under the bridge. No fish kill was observed.	Stephen Trucking 104 E. Pearl Street Dow City, IA 51528	Contaminated soil was excavated and properly disposed. A very small amount of fuel reached the creek, so no remediation in the creek was necessary.
12/22/95 Fremont	Dry fertilizer was spilled in a field when the applicator tipped over due to a sharp turn. 6000 pounds of product spilled. No waterways were involved.	Koch Agriservice W. Ferguson & Hwy48 Shenandoah, IA 51601	5110 pounds of product was recovered. The remaining material was recovered by excavation of contaminated soil and then it was land applied.

Substance					Mode					
Month	Total Incidents	Petroleum Product	Agri - Chemical	Other Chemicals and Substances	Handling and Storage	Pipeline	Highway Incident	RR Incident	Fire	Other
October	64(51)	37(38)	9(3)	18(10)	21(32)	0(0)	35(16)	3(0)	1(0)	4(2)
November	52(54)	34(24)	7(7)	11(23)	25(29)	4(0)	21(22)	1(3)	0(0)	1(0)
December	56(52)	30(27)	11(2)	15(23)	28(38)	2(1)	21(12)	2(0)	1(0)	2(1)
January										
February										
March										
April										
May										
June										
July										
August										
September										

Total Number of Incidents Per Field Office This Period:

(numbers in parentheses for the same period in fiscal year '94)

1	2	3	4	5	6
4	11	6	7	17	11

NUMBER OF LUST CLEANUPS COMPLETED

During the period of December 1, 1995 through December 31, 1995, the following number of LUST cleanups were completed:

4(1017)

The number in parentheses represents the total number of LUST cleanups through December 31, 1995.

NUMBER OF LOW RISK SITES APPROVED

During the period of December 1, 1995 through December 31, 1995, the following number of low risk sites were approved:

21(922)

The number in parentheses represents the total number of low risk LUST sites through December 31, 1995.

UNDERGROUND STORAGE TANKS

During the period of December 1, 1995 through December 31, 1995, the following number of releases from underground storage tanks were identified.

12(13)

The number in parentheses represents the number of releases during the same period in Fiscal Year 1994.

Enforcement Report Update

The following new enforcement actions were taken last month:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Sully, City of (5)	Wastewater	Discharge Limits	Order	11/28/95
Climax Molybdenum Co., Ft. Madison (6)	Air Quality; Hazardous Condition	Emission Standards	Order/Penalty \$10,000	12/06/95
Massena, City of (4)	Wastewater	Monitoring/Reporting	Order/Penalty \$1,200	12/06/95
Ben Dawson, Appanoose Co. (5)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$5,000	12/06/95
Marvin Wernimont d/b/a Filter Friend Recycling, Buena Vista Co. (3)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$2,000	12/06/95
Cheryl Straughn d/b/a Cher's Mini Mart, Chapin (2)	Underground Tank	Closure Investigation	Order/Penalty \$600	12/06/95
Daryl Hollingsworth and Karen Hollingsworth d/b/a Medora Store, Indianola (5)	Underground Tank	Insurance Violation	Order/Penalty \$4,800	12/06/95
Patrick McCoy, Keokuk Co. (6)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$2,000	12/07/95
Silvercrest Golf & Country Club, Decorah (1)	Drinking Water	MCL - Bacteria; Public Notice	Order	12/07/95
All-States Quality Foods, L.P., Charles City (2)	Wastewater	Pretreatment	Order/Penalty \$5,000	12/13/95
Clarence, City of (6)	Wastewater	Discharge Limits; Operational Violations	Order/Penalty \$3,000	12/13/95
Westside Park for Mobile Homes, Burlington (6)	Wastewater	Monitoring/Reporting; Discharge Limits; Operational Violations	Order/Penalty \$3,000	12/13/95
Plover, City of (3)	Drinking Water	Monitoring/Reporting - Lead and Copper	Order	12/13/95
Bill Shirkbroun d/b/a Was Broken Pallet Co., Webster Co. (2)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$1,000	12/13/95
Steven A. Mullane d/b/a S & S Landscaping Services, Madison Co. (5)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$2,000	12/13/95
Dean Williams d/b/a Williams Oil Co., Stuart (4)	Underground Tank	Site Assessment	Order/Penalty \$4,800	12/13/95
Lynndana Acres Sanitary Sewer District, Mahaska Co. (5)	Wastewater	Prohibited Discharge	Order	12/14/95
Hidden Valley Mobile Home Park, Washington (6)	Wastewater	Monitoring/Reporting; Operational Violations	Order/Penalty \$2,000	12/15/95
Clinton, City of (6)	Wastewater	Discharge Limits; Prohibited Discharge	Order	12/15/95
Neola Light & Water, Neola (4)	Drinking Water	MCL - Bacteria	Order	12/15/95
Jolly Roger Campground and Marina, Johnson Co. (6)	Wastewater	Prohibited Discharge	Order/Penalty \$1,000	12/18/95
Markley Knock d/b/a Knock's Building Supply, Parkersburg (2)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$2,000	12/18/95
Steamboat Rock, City of (2)	Wastewater	Discharge Limits; Prohibited Discharge	Order	12/18/95
Pineview Campground, Dorchester (1)	Drinking Water	MCL - Bacteria; Public Notice	Order	12/18/95
Jakeway Park - Camping Area, Hazelton (1)	Drinking Water	MCL - Bacteria; Public Notice	Order	12/18/95
Oscar Hahn, Solon (6)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Referred to AG	12/18/95
Ben Haven Mobile Home Park, Quasqueton (1)	Drinking Water	MCL - Bacteria; Public Notice	Order/Penalty \$500	12/26/95
Ronald and Doris Rechkemmer, Fayette Co. (1)	Wastewater	Prohibited Discharge	Order/Penalty \$1,500	12/26/95

Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Marvin Kruse d/b/a K & C Feeds (Luana)	UT	300	12-01-92
Don Grell d/b/a Dodger Enterprise (Ft. Dodge)	AQ	10,000	2-16-93
Duane Pospisil d/b/a Duane's Service (Lisbon)	UT	1,000	5-04-93
Franklin Raymond (Pacific Junction)	UT	300	7-07-93
*Delano's Lounge (Washington)	WS	425	9-01-93
Melvin Foubert d/b/a Mel's Repair Service (What Cheer)	UT	400	12-13-93
Stan Simmer d/b/a Tire City (Des Moines)	UT	600	12-21-93
*63-80 Cafe (Moore Oil Co.) (Malcom)	WS	200	1-20-93
William Hatch d/b/a R & R Convenience Store (Central City)	UT	2,480	2-28-93
Kurt & Mary Marzofka; John & Shirley Riordan (Sabula)	UT	500	3-31-94
Ida Grove Farm Supply Co. d/b/a Double Circle Farm Supply Co. (Galva)	UT	2,300	5-15-94
Leland Koster and Jim Koster (Alexander)	UT	350	6-11-94
*Home Asbestos & Lead Abatement Services (Johnston)	AQ	350	7-02-94
King Transfer, Ltd.; George B. King (Onawa)	UT	2,400	7-20-94
Central Water Works (Fort Dodge)	WS	275	8-21-94
Blanchard, City of	WS	275	8-22-94
Crawford Flats, Ltd. (Denison)	WS	275	8-25-94
Holland, City of	WS	550	8-28-94
Denmark Municipal Water Supply (Denmark)	WS	550	8-28-94
Hide-A-Way Manor (Cedar Rapids)	WS	275	8-28-94
*Terry Beaird d/b/a Curry Environ. Services (Marion)	AQ	1,000	9-01-94
Coralville Lake Terrace Assn. (North Liberty)	WS	550	9-01-94
The Marley Pump Co. (Davenport)	WS	125	9-13-94
RHCL School (Luxemburg)	WS	125	9-14-94
Bill Dettman d/b/a Dettman Oil Co. (Fonda)	UT	2,800	9-15-94
Kilpeck Mobile Home Park (Muscatine)	WS	275	9-23-94
Immanuel Lutheran Church and School (Readlyn)	WS	275	9-23-94
Sunshine Homes, Inc. (Atlantic)	WS	275	9-25-94
Scenic View Estates (Decorah)	WS	275	9-25-94
Yarmouth Elementary School (Mediapolis)	WS	375	10-12-94
Batavia, City of	WS	650	10-17-94
Geils Oil Company; Lawrence P. Geils (Donnison)	UT	3,200	10-18-94
Hidden Valley Mobile Home Court (Washington Co.)	WS	200	10-22-94
*Dale Hall d/b/a Hall Oil Co. (Des Moines)	UT	250	11-15-94
Donald K. Schmidt (Cedar Rapids)	UT	3,000	12-27-94
Collier Oil Co.; Clark Concrete Co. (Onawa)	UT	3,300	1-22-95
North Coralville Lake Manor (Solon)	WS	450	3-26-95
Curry Environmental Services (Dubuque)	AQ	6,000	3-27-95
Ron Mumby (Iowa Co.)	SW	2,000	4-19-95
Jody Beaver (Cedar Co.)	SW/AQ	2,000	5-27-95
Valley Heights 1st Annex (Blue Grass)	WS	550	6-05-95
Orrie's Supper Club, Inc. (Hudson)	WS	3,000	6-11-95
Rock Falls Lounge (Rock Falls)	WS	1,500	6-12-95
Dallas County Care Facility (Adel)	WS	550	6-13-95
Crestwood Acres; Mid County Water, Inc. (Toddville)	WS	375	6-13-95
Lake Vista Improvement Assn., Inc. (Solon)	WS	200	6-14-95
Kineth Hotel Corp.; Best Western Westfield (Coralville)	WS	500	7-01-95
Wieland & Sons Lumber Co. (Winthrop)	AQ/SW	3,000	7-04-95
Fremont County Sanitary Landfill (Fremont Co.)	SW	5,000	7-05-95
ESCOP Associates Ltd.; Arnold Olson (Cedar Rapids)	AQ	10,000	7-09-95
David A. Dohlman d/b/a Dave's Conoco (Dumont)	UT	2,300	7-18-95
Nishna Valley Community School (Hastings)	WS	1,000	8-05-95
M & L Service; Loyal Dorr; Mark Courtney (Guthrie Center)	UT	1,000	8-30-95
Sheldahl, City of	WS	200	8-30-95
Norman Klynsmas d/b/a OK One Stop Service (Hospers)	UT	2,000	9-01-95
Orville Long (Polk County)	SW	3,000	9-12-95
Bossom's Quasky Mart (Quasqueton)	WS	100	10-01-95
Ken Frese (Keokuk Co.)	SW/AQ	1,000	10-03-95
Carter Lake, City of	WS	200	10-25-95
Meadow Knolls Addition (Marion)	WS	200	10-29-95
Searsboro, City of	WW	2,500	11-08-95
*R.V. Hopkins, Inc. (Davenport)	AQ	10,000	11-15-95
Lehigh Portland Cement Co. (Mason City)	AQ	5,000	1-16-96
Elerly Fry; Allen Fry; Becky Sandeen (Monroe Co.)	SW	6,000	1-20-96
Ronald Rechkemmer (Fayette Co.)	WW	1,500	1-26-96
Wicker Enterprises, Inc. (Polk Co.)	SW	2,000	1-28-96
Waterloo Community School District (Waterloo)	AQ	10,000	1-29-96
Site Services, Ltd. (Waterloo)	AQ	5,000	1-29-96
Curry Environmental Services, Inc. (Marion)	AQ	10,000	1-29-96
Spencer Municipal Hospital (Spencer)	AQ	3,000	1-29-96
Parker Oil Company (Des Moines)	UT	1,000	2-03-96
Rod Peake (Des Moines)	UT	600	2-04-96
Climax Molybdenum Company (Ft. Madison)	HC/AQ	10,000	2-10-96
Patrick McCoy (Keokuk Co.)	AQ/SW	2,000	2-10-96
Massena, City of	WW	1,200	2-11-96
Bill Shirbroun d/b/a Was Broken Pallet (Webster Co.)	AQ/SW	1,000	2-12-96
Steven Mullane d/b/a S & S Landscaping (Madison Co.)	AQ/SW	2,000	2-14-96
All-States Quality Foods (Charles City)	WW	5,000	2-14-96
Westside Park for Mobile Homes (Burlington)	WW	3,000	2-14-96
Hidden Valley Mobile Home Park (Washington)	WW	2,000	2-15-96
Jolly Roger Campground & Marina (North Liberty)	WW	1,000	2-19-96
Markley Knock d/b/a Knock's Building Supply (Parkersburg)	AQ/SW	2,000	2-19-96
Cheryl Straughn d/b/a Cher's Mini Mart (Chapin)	UT	600	2-21-96
Dean Williams d/b/a Williams Oil Co. (Stuart)	UT	4,800	2-24-96
Edward Bodensteiner (Des Moines)	UT	3,200	-----
Plantation Village Mobile Home Park (Burlington)	WW	1,000	-----
William R. Hennessey & Son, Inc. (Cedar Rapids)	UT	2,670	-----
Clarence, City of	WW	3,000	-----
Daryl & Karen Hollingsworth d/b/a Medora Store (Indianola)	UT	4,800	-----
Ben Haven Mobile Home Park (Quasqueton)	WS	500	-----

TOTAL 192,975

Environmental Protection Commission Minutes

January 1996

The following cases have been referred to the Attorney General:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
OK Lounge (Marion)	WS	448	11-01-87
Richard Davis (Albia)	SW	1,000	2-28-88
Eagle Wrecking Co. (Pottawattamie Co.)	SW	300	5-07-89
*Twelve Mile House (Bernard)	WS	119	5-20-89
*Lawrence Payne (Ottumwa)	SW	425	6-19-89
William L. Bown (Marshalltown)	SW	1,000	10-01-89
Wellendorf Trust (Algona)	AQ/SW	460	2-12-90
Donald P. Ervin (Ft. Dodge)	SW	669	3-05-90
Gerald G. Pregler (Dubuque Co.)	SW	1,000	9-02-90
Donald R. Null (Clinton Co.)	AQ/SW	1,000	9-06-90
Robert and Sally Shelley (Guthrie Center)	SW	1,000	3-04-91
Fred Varner (Worth Co.)	SW	950	4-11-91
Honey Creek Camping Resort (Crescent)	WS	245	6-13-91
F.R. Thomas/F.R. Thomas, Jr. d/b/a Clair View Acres Store (Delhi)	WS	1,000	8-04-91
*M & W Mobile Home Park (Muscatine)	WW	200	8-21-91
Vern Starling (Boone Co.)	SW	440	9-15-91
Lloyd Dunton (Iowa Co.)	SW	300	11-07-91
Vernus Wunschel d/b/a Wunschel Oil (Ida Grove)	UT	300	1-12-92
Kenneth Bode (Mills Co.)	SW	300	4-27-92
V.R. Dillingham d/b/a Barb's Service (Everly)	UT	600	5-21-92
Tandem Oak Park Associates (Ft. Dodge)	WS	405	6-03-92
Dick White (Washington County)	AQ	250	8-15-92
Rankin Roofing & Siding Co. (Knoxville)	AQ	500	11-09-92
Tony Hoyt d/b/a Lake Wilderness (Lee Co.)	SW	1,000	1-23-93
Bernard Gavin Veterinary Clinic (Wellsburg)	UT	600	5-02-92
Tim Sharp (Newton)	UT	1,000	1-25-93
David Young d/b/a Sierp Oil Co. (Casey)	UT	300	2-10-93
Carson Grain & Implement (Coggon)	UT	1,000	8-03-92
Louis Saak d/b/a Saak Oil Co. (Baxter)	UT	1,560	12-25-93
Smith Oil Co.; Franklin Smith (Mt. Ayr)	UT	600	3-31-94
Verna and Don Reed; Andrea Silsby (Union Co.)	SW	1,000	4-07-94
Economy Solar Corp. (Monticello)	AQ	100	6-01-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	3,070	10-11-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	600	10-11-94
Trust Trucking Corp.; Jim and Brenda Huyser (Lovilia)	UT	840	11-01-94
Wunschel Oil, et.al. (Battle Creek)	UT	6,400	11-08-94
Paul L. Dunkel (Delaware Co.)	SW	1,500	11-09-94
Orrie's Supper Club, Inc. (Hudson)	WS	275	9-19-94
Paul Underwood d/b/a Underwood Excavating (Cedar Rapids)	AQ	4,000	3-24-95
Oscar Hahn (Solon)	SW/AQ	2,000	8-29-95
TOTAL		38,756	

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Joe Eggers, Jr., et.al. (St. Ansgar)	SW	1,000
Hickory Hollow Water Co. (Ankeny)	WS	400
Wayne Transportation, Inc. (Greene)	WW	1,000
Mulgrew Oil Company (Dubuque)	HC	500
John Staub d/b/a Mr. Convenient (Burlington)	UT	600
Charles Kerr (Sloan)	UT	600
Stringtown Country Cafe (Lenox)	WS	1,000
Lincoln Farm and Home Service (Henderson)	WW	1,000
Chickasaw Co. SLF, et.al. (Chickasaw Co.)	SW	1,000
Plymouth Cooperative Oil Co. (Hinton)	WW	1,000
LaVerne Rehder (Union)	UT	300
Randy Bonin/Vickie Brannick (Hardin Co.)	SW	500
Dean Hoeness d/b/a Hoeness & Sons (Winterset)	UT	300
Decatur, City of	UT	600
King's Terrace Mobile Home Court (Ames)	WW	500
ITWC, Inc. (Malcom)	AQ	1,000
Lloyd Decker (Floyd Co.)	SW	1,000
Waucoma, City of	WS	200
Tracy Below (Hardin Co.)	WW	1,000
Grand Laboratories, Inc. (Larchwood)	WW	1,000
Frank Hulshizer (Benton Co.)	SW	500
Chicago/Northwestern Transp. Co. (Council Bluffs)	HC	1,000
Pirelli Armstrong Tire Corp. (Polk Co.)	SW	1,000
Land Renu, Inc. (Rockwell City)	SW	1,000
LeMars, City of	WW	5,000
Crane Co. d/b/a Crane Valves (Washington Co.)	SW	500
Donald Udell (Plymouth Co.)	SW	1,000
Daisy H. Gridley Conservatorship, et.al. (Union Co.)	SW	1,000
Thomas L. Burt, et. al. (Butler Co.)	SW	1,000
Oakwood Park Water, Inc. (Ankeny)	WS	1,000
U.S. Dept. of Defense (Sioux City)	UT	5,720
Blue Spruce Feedlots, Inc. (Pottawattamie Co.)	WW	5,000
Valley Restaurant/Sierp Oil/Mary & Carl Sierp (Villisca)	UT	5,000
Valley Restaurant/Sierp Oil/Robert Radford (Villisca)	UT	2,300
Orlo Stewart, et.al. (Webster Co.)	SW	1,000
J.P. Scherzman, Inc. (Farley)	UT	1,160
Lester D. Davis & Evelyn McKelvogue (Warren Co.)	AQ/SW	5,000
Waverly Gravel & Ready-Mix aka Shell Rock Sand & Gravel (Shell Rock)	AQ	3,000
Anderson Excavating & Wrecking Co. (Waterloo)	AQ	1,000
Farmers Hybrid Companies, Inc. (Keokuk Co.)	WW	3,500
L.F. & Betty Everett; Vern Barker & Donald Knotts, d/b/a Barker & Knotts Construction; and Gene Philips (Ottumwa)	AQ	10,000
Eli Shada (Anamosa)	UT	1,328
James and Robert Brock d/b/a B & B Oil (Ringsted)	UT	1,685
M and D Tire Processing, Inc. (Decatur Co.)	SW	10,000
Merrill, City of	AQ	5,000

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Harold Lee (Keokuk Co.)	WW	3,300
Riverside Plating Company (Shell Rock)	WW	1,500
Economy Solar Corp. (Monticello)	AQ	5,000
Toys "R" Us, Inc. (Davenport)	UT	5,560
Coastal Mart, Inc.-Store #1081 (Davenport)	UT	5,320
John Deere Company (Waterloo)	AQ	1,000
Parkwest, Ltd.; Wilbur Numelin; Ricky Lee Anderson (Clear Lake)	UT	2,280
Country Stores of Carroll, Ltd.; Roger Kanne (Carroll)	UT	10,000
Elite, Ltd.; Roger Kanne; James Pietig (Coon Rapids)	UT	3,500
Elite, Ltd.; Roger Kanne; James Pietig (Logan)	UT	3,288
HiWay Texaco, Ltd.; Roger Kanne; Rick Kanne (Bagley)	UT	5,000
Galva Union Elevator Co. (Galva)	UT	3,100
Farmers Hybrid Companies, Inc. (Hamilton Co.)	WW	4,000
Joseph L. Ranker; Daryl Hollingsworth (Indianola)	UT	4,000
Larry and Kelly Miller (Ogden)	UT	2,000
R.D.J. Farms; Donald Vogt (Van Horne)	UT	1,300
Home Oil Stations; Otto-Matic; Larence Otto (Burlington)	UT	3,000
Tom Wiseman (Sheffield)	UT	3,500
Village Oaks Homeowners Assn. (Blue Grass)	WS	550
Karl and Thelma Boylan d/b/a Boylan's Service (Northboro)	UT	1,800
Thomas M. Scheetz d/b/a The Depot Food N' Fuel (Oxford)	UT	2,300
William Jensen d/b/a B & B Tire & Oil Co. (Avoca)	UT	2,300
Riverview Estates (Iowa City)	WS	275
Crabtree Lake Resort (Rhodes)	WW	5,400
Elmer R. Faust d/b/a Faust Garage & Grocery (Delaware)	UT	2,300
American Coals Corporation-Site #5 (Bussey)	SW/AQ	10,000
H.E.W., Inc. a/k/a Hazardous Environmental Wastes, Inc., a/k/a Algona Roofing & Insulation, Inc. (Algona)	AQ	5,000
Bankston, City of	WS	550
Wunschel Oil, et.al. (Ida Grove)	UT	10,000
Chicago & North Western Transportation Co. (Clay Co.)	WW/SW	10,000
Jim Foust (Indianola)	SW	2,175
Titan Wheel International, Inc. (Walcott)	WW	10,000
Ronald Sizemore and Mark Murphy (Eldora)	UT	3,200
First United Methodist Church (Ft. Madison)	AQ	10,000
Mike Murphy d/b/a Hawley Heating & Air (Keokuk)	AQ	10,000
Boomsma's Egg, Inc. (Alden/Galt)	AQ	10,000
George Dolan (Northwood)	UT	3,300
Chuck Widner, Jr. d/b/a E.D.O., Inc. (Glidden)	AQ	2,000
Woodbury County Highway Department (Woodbury Co.)	UT	4,000
Keith Owens and Howard Maurer (Wilton)	UT	3,100
Tom Babinat d/b/a Tom's Car Care (Grundy Center)	UT	3,600
Welch Oil, Inc. (Williams)	UT	10,000
Richard Beckett (Villisca)	UT	1,300
Gilmore City-Bradgate Comm. School Dist. (Gilmore City)	AQ	6,000
Henry and Randy Krohn d/b/a Krohn Const. (Waukee)	AQ/SW	4,000
James and Roxann Neneman; J & R Mini Mart (Council Bluffs)	UT	3,900
Simonsen Industries, Inc. (Cherokee Co.)	WW	5,000
Allan Brandhoij d/b/a Brandhoij Const. (Gilmore City)	AQ	6,000
Dennis Sharkey d/b/a Sharkey Bldg. Wrecking (Dubuque)	AQ	6,000
Richard Waugh d/b/a Dick's Apco Car Wash (Hampton)	UT	885
Sale-R-Villa Const., Inc. (Perry)	AQ	10,000
Woden-Crystal Lake Comm. School District (Crystal Lake)	AQ	10,000
Otis Schultz d/b/a Schultz Oil Co. (Sac City)	UT	2,200
Dennis Malone & Joanne Malone (Morning Sun)	UT	600
Larry Royer (Guthrie Co.)	WW	1,000
Randy Ballard (Fayette Co.)	FP	2,000
Perry, City of	WW	10,000
Bacon Addition (Monticello)	WS	375
Sioux City, City of	AQ	10,000
Dan Schwitters; Schwitters Enterprises (Cedar Rapids)	UT	600
Ferris Sullivan d/b/a Sullivan's Sinclair (Preston)	UT	2,000
Leonard Bormann (Preston)	UT	2,000
Economy Solar Corp.; Jeffery C. Intlekofer (Cedar Rapids)	AQ	10,000
Marty Feinberg d/b/a Feinberg Scrap Iron; Betty Feinberg; F&F Metals (Lee Co.)	HC/WW	10,000
Marvin Rozenboom (Mahaska Co.)	SW	3,000
Keck, Inc. (Des Moines)	UT	1,500
Cumberland Ridge First Addition (North Liberty)	WS	550
West Side Unlimited Corp.; West Side Salvage (Benton Co.)	AQ/SW	5,000
Doolittle Oil Company, Inc. (Webster City)	UT	6,500
Dan Peterson d/b/a Peterson Backhoe (Dumont)	AQ	3,000
Earth Media Technologies, Inc. (Polk County)	SW	3,000
Allison-Bristow Community School District (Allison)	AQ	5,000
Allison Fire Dept.; Allison, City of	AQ	5,000
Pilot Oil Corporation (Walcott)	WW/UT	5,000
Leonard C. Page (Adams Co.)	SW	3,000
Mark Twain Meadows Assoc. (Muscatine)	WS	900
White Oaks Homeowners Assn. (Ankeny)	WS	1,000
Boyer Valley Company (Arion)	WW	8,000
Wilbur McNear; Gilbert Persinger (Smithland)	UT	2,500
Donald Krieger (Terrill)	UT	600
Donald J. Foreman d/b/a D & R Feedlots (Woodbury Co.)	WW	3,000
Wilbur McNear d/b/a McNear Oil Co. (Charter Oak)	UT	2,000
Maple Hill Country Club (Tripoli)	WS	300
Holiday Mobile Lodge, Inc. (Johnson Co.)	SW/AQ	2,000
Shell Rock Products, Inc. (Butler Co.)	SW/AQ	10,000
Colwell, City of	WS	200
Hanlontown, City of	WS	300
DBM, Inc. (Cedar Falls)	AQ	10,000
Jerry McElmeel d/b/a McElmeel & Sons Const. (Monticello)	AQ	5,000
E.L. Incorporated (Algona)	SW	5,000
Weber Construction, Inc. (Cascade)	AQ	4,000
Tri-County Bank & Trust (Cascade)	AQ	4,000
Central Community School District (DeWitt)	AQ	5,000
Jack Pinney Operations, Inc. (Sioux City)	AQ	4,000
Farmers Cooperative Company (Dows)	AQ/SW	1,000
Larson Cont. Inc. (Winnebago Co.)	AQ/SW	1,000
Enviro Safe Air, Inc. (Sioux City)	AQ	10,000
Gary Watson (Cerro Gordo Co.)	WW	2,500
Clay Contractors, Inc. (Spencer)	AQ	3,000
Vernon Kinsinger d/b/a K & K Sanitation (Washington Co.)	AQ/SW	10,000
Brian Moore d/b/a Moore Oil Co. (Des Moines)	UT	1,000
Roy Burger (Gillette Grove)	UT	5,400
Ben Dawson (Appanoose Co.)	AQ/SW	5,000
Marvin Wernimont; Filter Friend Recycling (Buena Vista)	AQ/SW	2,000

TOTAL 531,801

The following administrative penalties were paid last month:

NAME/LOCATION	PROGRAM	AMOUNT
Michael Glantz d/b/a AAMCO Transmission (Des Moines)	WW/HC	2,500
K-Mart Corporation/Store #7261 (Des Moines)	UT	4,000
Woden, City of	WS	100
Thomas Buckley (Elma)	WW	2,500
Scattergood Friends School (West Branch)	WS	200
Yaw's Auto Salvage, Inc. (Des Moines)	SW	2,000
Riverview Manor (Scott Co.)	WS	150
Sioux Tank Line, Inc. (Orange City)	UT	1,000
TOTAL		12,450

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
January 1, 1996

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
AMPC Lytton (3)		Wastewater	Operational Violations	Referred to Attorney General	Referred	8/10/94
Advanced Technologies Corp. Cedar Falls (1)	Updated	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Consent Decree (\$6,000/Civil)	3/21/94 8/29/94 12/22/95
American Asbestos Training Center, Ltd. Cedar Rapids (1)		Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	7/22/94 8/29/94 3/26/96
American Asbestos Training Center, Ltd. Waterloo (1)	Updated	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	3/21/94 8/29/94 4/30/96
Ampel Corporation Des Moines (5)	Updated	Air Quality	Construction Without Permit Permit Conditions	Referred to Attorney General	Referred Petition Filed Motion for Partial Summary Judgment DNR Motion to Disqualify Attorney Hearing Ruling/Defense Attorney Disqualified Consent Decree (\$20,000/Civil)	12/20/93 2/21/94 9/02/94 10/18/94 11/18/94 12/06/94 12/26/95
DeCoster, A.J. Wright Co. (2)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	7/17/95
Dunkel, Paul L. Delaware Co. (1)		Solid Waste	Illegal Disposal	Order/Penalty	Referred	6/19/95
Economy Solar Corp. Ft. Madison (6)	Updated	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date Ruling (\$1,600/Civil & Injunction)	3/21/94 8/29/94 11/06/95 11/30/95
Economy Solar Corp. Waterloo (1)	Updated	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	3/21/94 8/29/94 4/30/96
Economy Solar Corp. Cedar Rapids (1)		Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	7/22/94 8/29/94 3/26/96

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
January 1, 1996

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
Ervin, Don Webster County (2)		Solid Waste	Operation Without Permit	Order/Penalty	Referred Judgment for \$1,000 Execution & Order to Levy Application to Condemn Funds Partial Payment Received (\$331)	4/16/90 7/13/90 9/28/90 11/27/90 11/30/90
			Permit Violations	Referred to Attorney General	Referred Temporary Injunction Order of Contempt Order Granting Stay Contempt Reversed (Court of Appeals) Application for Further Review Supreme Ct. Reversed Ct of Appeals Order to Serve Sentence Application for Hearing Order Denying Reconsideration of Sentence Partial Consent Decree Consent Decree (\$1,000,000/Civil)	9/16/91 9/18/91 12/20/91 12/26/91 9/29/92 10/16/92 2/17/93 3/17/93 3/18/93 3/19/93 1/10/95 5/30/95
Hahn, Oscar Solon (6)	New	Air Quality Solid Waste	Open Burning Illegal Disposal	Order/Penalty	Referred	12/18/95
Harrison County Board of Supervisors (4)	Updated	Solid Waste	Operating Violations	Referred to Attorney General	Referred Petition Filed Consent Decree (\$7,500/Civil & Injunction)	2/21/94 7/11/94 12/11/95
Huyser, James; Trust Trucking Lovilia (5)		Underground Tank	Site Assessment	Referred to Attorney General	Referred	11/21/94
Jarvis, Marjorie and Terry Strong Council Bluffs (4)		Underground Tank	Closure Investigation	Order	Referred Petition Filed	11/15/93 2/14/94
Klocke, Paul and Mary Kay Carroll (4)		Flood Plain	Unauthorized Construction	Order	Referred	10/16/95
Lee, Harold and Evelyn Keokuk Co. (6)		Wastewater	Prohibited Discharge	Referred to Attorney General	Referred	10/16/95
Martinez, Vincent d/b/a Martinez Sewer Service Davenport (6)		Hazardous Condition	Remedial Action	Order/Penalty	Referred Petition Filed Partial Default Judgment (Injunction)	2/17/92 12/21/92 10/11/94
Moore, Ron d/b/a 63-180 Cafe Malcom (5)	Updated	Drinking Water	Mtrg/Rprtg Nitrate; Other	Order/Penalty	Referred Payment Schedule (\$1,000/Admin.) Motion for Judgment Dismissed	11/16/92 4/02/93 6/30/94 12/29/95
Northwood Cooperative Elevator; Worth Co. Co-op Oil Amoco v. IDNR		Hazardous Condition	DNR Defendant	Defense	Suit Filed DNR Answer Consolidation Order 215.1 Order Suit Filed DNR Answer Consolidation Order 215.1 Order Suit Filed DNR Answer Consolidation Order 215.1 Order	12/07/92 12/28/92 1/05/93 12/22/94 12/07/93 12/28/92 3/10/93 12/22/94 12/15/92 1/04/93 3/10/93 12/22/94
Orrie's Supper Club, Inc. Hudson (1)		Drinking Water	Monitoring/Reporting; Lead & Copper	Order/Penalty	Referred	10/16/95
Plantation Village MHP Burlington (6)		Wastewater	Monitoring/Reporting	Order/Penalty	Referred	10/16/95
Rayburn Court for Mobile Homes Mason City (2)		Drinking Water	Monitoring/Reporting; Lead & Copper	Order/Penalty	Referred Petition Filed	11/21/94 5/02/95
Reed, Verna and Don; Andrea Silsby Union Co. (4)		Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed Default Judgment	6/20/94 8/10/94 12/12/94

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
January 1, 1996

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Relative, Inc.; Doug Smuck Des Moines (5)	Underground Tank	Insurance Violation	Order/Penalty	Referred Petition Filed	10/17/94 5/12/95
Smith, Franklin; Smith Oil Company Mt. Ayr (5)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed Trial Date	4/18/94 7/25/94 5/16/95
Underwood, Paul d/b/a Underwood Excavating and Demolition Cedar Rapids	Air Quality	Asbestos	Order/Penalty	Referred	5/15/95
Waterloo Community School District Waterloo (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	3/21/94 8/29/94 1/16/96
Wunschel Oil Co.; Vernus, Jaquellyn & Mark Wunschel Ida Grove (3)	Tank	Underground Site Assessment	Order/Penalty	Referred	1/17/95

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
January 1, 1996

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-23-86	Oelwein Soil Service	Administrative Order	WW	Murphy	Hearing continued; additional testing being done.
10-20-88	Worth Co. Co-Op Oil Northwood Cooperative Elevator Sunray Refining and Marketing Co.	Administrative Order	HC	Murphy	Ruling on dismissal/intervention 11/16/92. Petition for Judicial Review. Judicial review hearing continued. Stipulation of dismissal being prepared.
6-08-89	Shaver Road Investments	Site Registry	HW	Kennedy	Draft consent order under review.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	HW	Kennedy	Draft consent order under review.
6-08-89	Lehigh Portland Cement Co.	Site Registry	HW	Murphy	Hearing continued. Discovery initiated.
6-22-89	Chicago & Northwestern Transportation Co. Hawkeye Land Co. Blue Chip Enterprises	Administrative Order	HC	Murphy	District court affirms Dept. - 4/23/93. Iowa Supreme Court decision 2/29/95.
10-24-89	Farmers Cooperative Elevator Association of Sheldon	Site Registry	HC	Kennedy	Consent order signed. Awaiting appeal dismissal.
11-03-89	Bridgestone/Firestone, Inc.	Site Registry	HC	Murphy	Hearing continued pending negotiations.
5-08-90	Texaco Inc./Chemplex Co. Site	Site Registry	HW	-----	Settlement proposed.
5-14-90	Alter Trading Corp. (Council Bluffs)	Administrative Order	SW	Kennedy	Negotiating before filing.
6-20-90	Des Moines, City of	NPDES Permit Cond.	WM	Hansen	EPD met with City to resolve appeal issues. Follow-up meeting to be held.
7-02-90	Keokuk Savings Bank and Trust Keokuk Coal Gas Site	Site Registry	HW	-----	Hearing continued.
7-30-90	Key City Coal Gas Site; & Howard Pixler	Site Registry	HW	-----	Decision appealed (Pixler).
8-01-90	J.I. Case Company	Site Registry	HW	Preziosi	Hearing continued.
9-12-90	Michael & Joyce Haws; George H. Gronau	Administrative Order	UT	Wornson	New party has assumed liability. Will dismiss case upon completion of SCR.

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
January 1, 1996

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
10-15-90	Westside General Store Corp.	Administrative Order	UT	Wornson	Negotiating settlement.
12-03-90	United States Gypsum Co. Smitty's Oil	Site Registry	HC	Preziosi	Negotiating before filing.
12-27-90	McAtee Tire Service, Inc.	Administrative Order	SW	Kennedy	Hearing continued until further order.
1-07-91	Joe E. Eggers, Jr.; Joe and Mary Eggers	Administrative Order	SW	Kennedy	Hearing continued to further order.
5-20-91	Great Rivers Coop--Lockridge	Site Registry	HC	Murphy	Settlement proposed.
7-24-91	Alter Trading Corp. (Davenport)	Administrative Order	SW	Kennedy	Negotiating before filing.
9-25-91	Archer Daniels Midland	Administrative Order	SW	Kennedy	Negotiating before filing.
1-17-92	Hickory Hollow Water Co.	Administrative Order	WS	Hansen	Settlement offer to WS. Counter offer 7/13/93. Dept. response on 8/3/93. Facility response 8/11/93. 12/93 Dept. letter to attorney. Construction permit issued for fluoride removal. Facility to be installed by 10/30/94.
1-30-92	Center Oil Co., Inc.	Administrative Order	HC	Murphy	Negotiating before filing.
4-09-92	Wayne Transports, Inc.	Administrative Order	WW	Murphy	Negotiating before filing.
4-15-92	Mulgrew Oil Co.	Administrative Order	HC	Wornson	Settlement letter sent 8/31/94. SCR initiated.
4-24-92	Charles A. Kerr	Administrative Order	UT	Wornson	Financial inability claimed. Warning letter sent 1/25/95.
5-05-92	Plymouth Cooperative Oil Co.	Administrative Order	WW	Murphy	Negotiating before filing.
5-12-92	Paris & Sons, Inc.	Site Registry	HC	Murphy	Negotiating before filing.
5-15-92	Heartland Lysine, Inc.	Tax Certification	AQ	Preziosi	Negotiating before filing.
5-27-92	Beckett Chevrolet-Olds	Administrative Order	UT	Wornson	Financial inability claimed. Claimant completing financial documents.
6-23-92	Chickasaw County Board of Supervisors, Chickasaw Co. SLF	Administrative Order	SW	Kennedy	County to include closing in FY 1997 budget.
8-06-92	Randy Bonin and Vickie Brannick	Administrative Order	SW	Kennedy	Negotiating before filing.
8-24-92	Dean Hoeness d/b/a Hoeness & Sons	Administrative Order	UT	Wornson	Financial inability claimed. Request documents.
9-21-92	ITWC	Administrative Order	AQ	Preziosi	Negotiating before filing.
9-22-92	King's Terrace MHP	Administrative Order	WW	Hansen	8/94-Letter to facility regarding resolution of appeal.
10-06-92	Lloyd Decker	Administrative Order	SW	Kennedy	Hearing continued until further order. Cleanup in progress.
11-13-92	Tracy Below	Administrative Order	WW	Clark	Hearing continued.
11-16-92	Grand Laboratories Inc.	Administrative Order	WW	Hansen	Settled 12/18/95. Additional monitoring well to be installed.
11-16-92	Frank Hulshizer	Administrative Order	SW	Kennedy	Negotiating before filing.
12-14-92	Quantum	Permit Conditions	WW	Hansen	3/30/93 Dept. settlement offer made. 5/03/93 - response from company. Company collecting data. Company response submitted 12/93. EPD to review information regarding permit calculations.

Environmental Protection Commission Minutes

January 1996

DEPARTMENT OF NATURAL RESOURCES
 ENVIRONMENTAL PROTECTION COMMISSION
 CONTESTED CASES
 January 1, 1996

DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-22-93	Pirelli Armstrong Tire Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
3/09-93	James, William d/b/a Bill James Agencies	Administrative Order	SW	Kennedy	Cleanup being done by third party.
3/11/93	Land Renu, Inc.	Administrative Order	SW	Wornson	Compliance complete. Negotiating penalty.
4/05/93	Mapleton, City of	WW Operator Certification	WW	Hansen	Under review by EPD - letter drafted.
4/12/93	LeMars, City of	Administrative Order	WW	Hansen	Plan of action submitted. Reviewed by EPD. Construction permit issued. 2/94-Schedule submitted by City for remaining construction.
4/19/93	Council Bluffs, City of	Permit Conditions	WW	Hansen	Under review by EPD.
4/21/93	Donald Udell	Administrative Order	SW	Kennedy	Negotiating before filing.
4/26/93	Crane Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
6/21/93	Jacobs Energy Corp., Inc.	Permit Denial	AQ	Preziosi	Negotiating before filing.
7/06/93 7/28/93	Dennis E. Good Berniece K. Nease	Administrative Order	UT	Wornson	Negotiating before filing.
7/09/93	Oakwood Park Water, Inc.	Administrative Order	WS	Hansen	Proposal by facility's attorney 7/13/93. Response by Dept. 8/3/93. Response by facility 8/11/93. 12/93 Dept. letter to attorney. Construction permit issued 2/94. Facility to be installed by 11/30/94.
7/20/93	U.S. Dept. of Defense	Administrative Order	UT	Wornson	Settlement expected.
7/23/93	Blue Spruce Feedlots, Inc.	Administrative Order	WW	Clark	Settlement close.
8/24/93	Green Valley Chemical	Permit Conditions	WW	Hansen	Company to do stream survey 8/94. Survey completed. Meeting to discuss survey 9/11/94. Survey being reviewed by EPD.
9/09/93	Ames Transit Authority	Permit Conditions	AQ	Preziosi	Negotiating before filing.
10/15/93	Bedford, City of	Plant Classification	WW	Hansen	Under review by EPD.
11/15/93	J.P. Scherrman, Inc.	Administrative Order	UT	Wornson	Penalty letter sent.
11/16/93	Iowa Southern Utilities	Permit Conditions	AQ	Preziosi	Negotiating before filing.
12/13/93	Lester R. Davis and Evelyn McKelvogue	Administrative Order	AQ/SW	Kennedy	Settlement pending.
12/23/93	Waverly Gravel & Ready-Mix aka Shell Rock Sand and Gravel	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/03/94	Farmers Hybrid Co., Inc.	Administrative Order	WW	Clark	Settlement close.
1/06/94	L.F. Everett and Betty Everett	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/07/94	Eli Shada	Administrative Order	UT	Wornson	Negotiating before filing.
1/13/94	James and Robert Brock d/b/a B & B Oil Co.	Administrative Order	UT	Wornson	Favorable ALJ decision. EPC affirmed. Closed.
1/18/94	M & D Tire Processing, Inc.	Administrative Order	SW	Kennedy	Letter sent 12/95 requesting construction schedule.
1/20/94	Gene Phillips d/b/a Phillips Sanitation	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/27/94	Archer-Daniels-Midland	Permit Conditions	AQ	Preziosi	Negotiating before filing.
2/02/94	John Deere Waterloo Works	Tax Certification	WW	Hansen	Negotiating before filing.

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2/09/94	Harold Lee	Administrative Order	WW	Clark	Hearing set for 1/29/96.
2/14/94	Economy Solar Corp 94-AQ-04	Administrative Order	AQ	Preziosi	Decision received in favor of DNR.
2/15/94	Riverside Plating	Administrative Order	WW	Hansen	Settlement offer received from company regarding penalty.
2/21/94	Toys "R" Us	Administrative Order	UT	Wornson	Compliance initiated. Penalty appealed.
2/25/94	John Deere Waterloo Works	Administrative Order	AQ	Preziosi	Settled.
2/28/94	Coastal Mart Davenport	Administrative Order	UT	Wornson	Deficient SCR. Letter sent. Penalty on appeal.
3/03/94	Burlington Northern Railroad	Tax Certification	WW	Hansen	Negotiating before filing.
3/08/94	Country Stores of Carroll, Ltd.; Elite Ltd.; Roger Kanne; James Pietig (Logan) (Coon Rapids)	Administrative Order	UT	Wornson	All SCRs received- negotiating penalty.
4/19/94	Galva Union Elevator Co.	Administrative Order	UT	Wornson	Negotiating penalty.
5/09/94	Farmers Hybrid Co., Inc.	Administrative Order	WW	Clark	Settlement close.
5/10/94	Dennis Malone; Joanne Malone	Administrative Order	UT	Wornson	Negotiating before filing.
5/27/94	Joseph L. Ranker; Darl Hollingsworth	Administrative Order	UT	Wornson	Demand letter before DIA referral.
6/03/94	Maquoketa, City of	Administrative Order	WW	Hansen	11/4/94 Construction permit issued to facility for new facilit. Construction to begin immediately and be completed by summer of 1995. Construction of SBR units completed.
6/08/94	Larry & Kelly Miller	Administrative Order	UT	Wornson	SCR submitted. Negotiating penalty.
6/15/94	Lakeview Heights	Permit Conditions	WS	Hansen	Facility proposal under review by WS.
6/20/94	R.D.J. Farms and Donald Vogt	Administrative Order	UT	Wornson	Compliance initiated.
6/24/94	Griffith Oil Corp.	Administrative Order	UT	Wornson	Compliance initiated.
6/24/94	Larence Otto	Administrative Order	UT	Wornson	Compliance initiated.
7/07/94	Rose Bar Tire Shredding	Administrative Order	SW	Kennedy	In bankruptcy.
7/12/94	Tom Wiseman	Administrative Order	UT	Wornson	New case. Appeal untimely.
7/15/94	Village Oaks Homeowners	Administrative Order	WS	Hansen	Negotiating before filing.
7/25/94	ACC Chemical Co. Getty Chemical Co.	Permit Conditions	WW	Hansen	Hearing continued indefinitely. Appeal settled. Revised permit accepted by appellants. Sent to EPA for review 12/95.
7/27/94	Twin View Heights 5282301	Administrative Order	WS	Hansen	11/14/94 Letter to facility regarding settlement. 12/94 Response from facility - working toward compliance. 7/26/95 facility in compliance. Dept. offer to reduce penalty.
8/12/94	Karl and Thelma Boylan d/b/a Boylan's Service	Administrative Order	UT	Wornson	Negotiating settlement.

Environmental Protection Commission Minutes

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8/18/94	Thomas Scheetz d/b/a The Depot Food & Fuel	Administrative Order	UT	Wornson	Compliance initiated.
8/29/94	Atlantic, City of	Administrative Order	WW	Hansen	Under review by EPD.
8/29/94	B and B Tire and Oil	Administrative Order	UT	Wornson	Negotiating before filing.
8/30/94	HWH Corporation	Permit Denial	AQ	Preziosi	Negotiating before filing.
9/01/94	Elmer R. Faust d/b/a Faust Garage & Grocery	Administrative Order	UT	Wornson	Compliance initiated.
9/02/94	Crabtree Lake Resort	Administrative Order	WW	Hansen	Compliance with AO initiated.
9/06/94	HEW, Inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.
9/09/94	American Coals Corp.	Administrative Order	SW/AQ	Kennedy	Bankruptcy filed.
9/15/94	Bankston	Administrative Order	WS	Hansen	1/95-Information from City. Compliance initiated.
9/16/94	Wunschel Oil Co.; Vernus Wunschel; Jacquelyn Wunschel; Mark Wunschel (Ida Grove)	Administrative Order	UT	Wornson	Consent order. SCR received. Revisions to SCR required.
9/23/94	Chicago and Northwestern Transportation Co.	Administrative Order	SW/WW	Murphy	Negotiating before filing.
9/26/94	James D. Foust	Administrative Order	SW	Kennedy	Negotiating before filing.
10/07/94	Titan Wheel International	Administrative Order	WW	Hansen	Revised BMR report submitted/reviewed by WW Permits.
10/17/94	First United Methodist Church	Administrative Order	AQ	Preziosi	Negotiating before filing.
10/19/94	Ronald Sizemore; Mark Murphy	Administrative Order	UT	Wornson	Negotiating before filing.
10/26/94	Boomsma's Inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.
10/27/94	George Dolan	Administrative Order	UT	Wornson	Negotiating before filing.
10/27/94	Chuck Winder d/b/a E.D.O., Inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.
10/31/94	Woodbury Co. Highway Dept.	Administrative Order	UT	Wornson	Negotiating before filing.
10/31/94	Owens & Owens Realty, Inc. Keith Owens; Howard Maurer	Administrative Order	UT	Wornson	Proposed decision 10/5/95. Appealed 11/3/95. To EPC 1/96.
11/02/94	Richard Waugh	Administrative Order	UT	Wornson	Compliance/negotiating penalty.
11/07/94	Jerry Smith; Norma S. Nelson	Permit Issuance	FP	Clark	Proposed decision 12/07/95.
11/10/94	Williams Pipeline Company	Permit Denial	AQ	Preziosi	Negotiating before filing.
11/14/94	Tom Babinat d/b/a Tom's Car Care	Administrative Order	UT	Wornson	Negotiating before filing.
11/23/94	Walnut Acres Campground; Fred and Fran Iben	Permit Issuance	FP	Clark	Negotiating before filing.
11/28/94	Richard Beckett	Administrative Order	UT	Wornson	Negotiating before filing.
12/14/94	Campbell Clean-Up Service	Permit Denial	AQ	Preziosi	Negotiating before filing.
1/10/95	Steamboat Rock	Administrative Order	WS	Hansen	2/95-Settlement offer by City and response by Dept. 4/95 - Dept. letter to City regarding settlement. 5/95 - Construction approved by WS section for chlorination equipment.

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1/11/95	Henry and Randy Krohn d/b/a Krohn Construction	Administrative Order	AQ/SW	Kennedy	Negotiating before filing.
1/13/95	Gilmore City-Bradgate Community School District	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/13/95	James and Roxann Neneman	Administrative Order	UT	Wornson	Inability to pay. Forms sent.
1/13/95	Simonsen Industries, Inc.	Administrative Order	WW	Hansen	2/28/95-Submittal by facility's engineer regarding land application of sludge. Under review by WW permits staff. They have requested information regarding permit application.
2/14/95	Dennis Sharkey d/b/a Sharkey's Building Wrecking	Administrative Order	AQ	Preziosi	Negotiating before filing.
2/23/95	Woden-Crystal Lake Community School District	Administrative Order	AQ	Preziosi	Negotiating before filing.
2/23/95	Lehigh Portland Cement	Permit Conditions	WW	Hansen	Negotiating before filing.
2/27/95	Sale-R-Villa Construction	Administrative Order	AQ	Preziosi	Negotiating before filing.
3/23/95	American Coals Corp.	Administrative Order	SW	Kennedy	In bankruptcy.
4/13/95	The Weitz Corp.; Barton Solvents, Inc.	Administrative Order	HC	Kennedy	Negotiating before filing.
4/19/95	Otis Schultz d/b/a Schultz Oil Co.	Administrative Order	UT	Wornson	Negotiating before filing.
4/21/95	Randy Ballard	Administrative Order	FP	Clark	Sent to DIA.
4/26/95	Larry Royer	Administrative Order	WW	Clark	Negotiating before filing.
4/26/95	Central Iowa Power Cooperative (CIPCO)	Permit Conditions	SW	Kennedy	Negotiating before filing.
4/28/95	Perry, City of	Administrative Order	WW	Hansen	Settled.
5/01/95	Central Iowa Power Cooperative	Permit Conditions	SW	Kennedy	Settlement pending.
5/03/95	Bacon Addition Homeowners Assn.	Administrative Order	WS	Clark	Negotiating before filing.
5/04/95	M & W Mobile Home Park	Administrative Order	WW	Kennedy	Negotiating before filing.
5/05/95	C & O Recycling Enterprises; Douglas W. Owen	Permit Denial	AQ	Preziosi	Negotiating before filing.
5/08/95	Riverview Manor	Administrative Order	WS	Clark	Settled 12/28/95.
5/19/95	Sioux City, City of	Administrative Order	AQ	Preziosi	Negotiating before filing.
5/23/95	Leonard Bormann	Administrative Order	UT	Wornson	Negotiating before filing.
5/25/95	Ferris Sullivan d/b/a Sullivan's Sinclair	Administrative Order	UT	Wornson	Negotiating before filing.
5/25/95	Marty Feinberg d/b/a Feinberg Scrap Iron; Betty Feinberg; F & F Metals	Administrative Order	HC/WW	Kennedy	Hearing set for 2/14/96. Cleanup continuing.
5/25/95	E.I. DuPont DeNemours (95-A-133)	Permit Conditions	AQ	Preziosi	Negotiating before filing.
5/30/95	Marvin Rozenboom	Administrative Order	SW	Kennedy	Settlement pending.
5/30/95	Economy Solar Corp.; Jeffrey C. Intlekofer (95-AQ-14)	Administrative Order	AQ	Preziosi	Negotiating before filing.
5/30/95	Earth Media Technologies	Administrative Order	SW	Kennedy	Negotiating before filing.
5/31/95	E.I. DuPont DeNemours (91-A-266 thru 91-A-269)	Permit Conditions	AQ	Preziosi	Negotiating before filing.
6/05/95	West Side Unlimited Corp.	Administrative Order	AQ/SW	Kennedy	Settlement pending.
6/05/95	Keck, Inc.	Administrative Order	UT	Wornson	Negotiating before filing.
6/06/95	Doolittle Oil Co., Inc.	Administrative Order	UT	Wornson	Negotiating before filing.
6/07/95	Cumberland Ridge Homeowners	Administrative Order	WS	Kennedy	Negotiating before filing.

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6/09/95	Don Peterson d/b/a Peterson Backhoe	Administrative Order	AQ	Preziosi	Negotiating before filing.
6/14/95	Salsbury Chemicals	Permit Conditions	WW	Hansen	Informal meeting held 12/4/95.
6/16/95	Allison-Bristow Community School	Administrative Order	AQ	Preziosi	Negotiating before filing.
6/16/95	Allison Fire Department; City of Allison	Administrative Order	AQ	Preziosi	Negotiating before filing.
6/16/95	Pilot Oil Corporation	Administrative Order	WW/UT	Murphy	Negotiating before filing.
6/20/95	Toledo, City of	Permit Conditions	WW	Hansen	Negotiating before filing.
6/23/95	Leonard C. Page	Administrative Order	SW	Kennedy	Negotiating before filing.
6/29/95	White Oaks Homeowners Assn.	Administrative Order	WS	Hansen	Negotiating before filing.
7/05/95	Boyer Valley Co.	Administrative Order	WW	Hansen	Negotiating before filing.
7/10/95	Donald Krieger	Administrative Order	UT	Wornson	Negotiating before filing.
7/10/95	Gilbert Persinger	Administrative Order	UT	Wornson	Negotiating before filing.
7/13/95	Organic Technologies Corp.	Administrative Order	SW	Kennedy	Hearing set for 2/2/96.
7/28/95	Harold T. Knott; James C. Knott	Administrative Order	UT	Wornson	Negotiating before filing.
8/01/95	Wilbur McNear d/b/a McNear Oil Co.	Administrative Order	UT	Wornson	Negotiating before filing.
8/02/95	Maple Hills Country Club	Administrative Order	WS	Hansen	Negotiating before filing.
8/18/95	Holiday Mobile Lodge, Inc.	Administrative Order	AQ/SW	Kennedy	Negotiating before filing.
8/18/95	Redmond Enterprises, Inc.	Administrative Order	UT	Wornson	Negotiating settlement.
8/24/95	Shell Rock Products, Inc.	Administrative Order	AQ/SW	Kennedy	Negotiating before filing.
8/24/95	Woden, City of	Administrative Order	WS	Hansen	Penalty paid. Settled.
8/29/95	Iowa City, City of	Administrative Order	WW	Hansen	Hearing set for 2/23/96.
8/31/95	Bosson's Quasky Mart	Administrative Order	WS	Hansen	Negotiating before filing.
9/06/95	Kraft Foods Inc.; Oscar Mayer Division	Variance Denial	WW	Hansen	Informal meeting held for 10/10/95. Information to be submitted by Kraft to WS section.
9/12/95	Colwell, City of	Administrative Order	WS	Hansen	Negotiating before filing.
9/19/95	Hanlontown, City of	Administrative Order	WS	Clark	Negotiating before filing.
9/20/95	FKI Industries, Inc.; Fairfield Aluminum, Inc.	Administrative Order	WW/HC	Murphy	Negotiating before filing.
10/03/95	DBM, Inc.	Administrative Order	AQ	Preziosi	Sent to DIA.
10/03/95	Jerry McElmeel d/b/a McElmeel & Sons Const.	Administrative Order	AQ	Preziosi	Negotiating before filing.
10/09/95	E.L. Incorporated	Administrative Order	SW	Kennedy	Negotiating before filing.
10/17/95	Tri-County Bank	Administrative Order	AQ	Preziosi	Negotiating before filing.
10/17/95	Weber Construction, Inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.

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10/20/95	Central Community School District	Administrative Order	AQ	Preziosi	Negotiating before filing.
11/01/95	Sivyer Steel Corp.	Permit Denial	AQ	Preziosi	Negotiating before filing.
11/02/95	Salsbury Chemicals, Inc.	Permit Conditions	WW	Hansen	Informal meeting held 12/4/95.
11/03/95	Jack Pinney Operations, Inc. aka Jack Pinney Grading	Administrative Order	AQ	Preziosi	Negotiating before filing.
11/14/95	Farmers Cooperative Co.	Administrative Order	AQ/SW	Kennedy	Settlement pending.
11/14/95	Larson Contracting, Inc.	Administrative Order	AQ/SW	Kennedy	Negotiating before filing.
11/14/95	Mike Barker	GW Professional Denial	UT	Wornson	Negotiating before filing.
11/16/95	Enviro Safe Air, Inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.
12/01/95	Clay Contractors, Inc.	Administrative Order	AQ	Preziosi	New case.
12/12/95	Vernon Kinsinger K & K Sanitation	Administrative Order	AQ/SW	Kennedy	New case.
12/13/95	Roy Burger	Administrative Order	UT	Wornson	New case.
12/15/95	Ben Dawson	Administrative Order	AQ/SW	Kennedy	New case.
12/15/95	Brian Moore d/b/a Moore Oil Co.	Administrative Order	UT	Wornson	New case.
12/28/95	Marvin Vernimont Filter Friend Recycling	Administrative Order	AQ/SW	Kennedy	New case.

Brief discussion followed.

INFORMATIONAL ONLY

SECTION 319 NONPOINT SOURCE POLLUTION CONTROL PROJECT WITH ISU

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

Commission approval is requested for a one year, \$35,694 contract with the Iowa State University Extension Service (ISUE) to continue implementation of an information marketing strategy to accelerate and widen the impact of interagency efforts in the Three Mile Lake Demonstration Watershed Project. The contract will be for the second year of a three year

project and will be funded using EPA Section 319 nonpoint pollution control funds awarded to the Department for this project.

The project will protect the water quality of Three Mile Lake by promoting voluntary adoption of refined crop and livestock management practices that reduce agricultural nonpoint source contributions to the lake. Contract funds will be used to support a part-time extension communication specialist position, located at the Union County Extension office, to carry out the project activities. Funds from other sources will also be used to support the project.

The communications specialist will work with project staff of other cooperating agencies and with ISUE water quality communications staff to disseminate information concerning agricultural nonpoint source pollution control activities conducted as part of the Demonstration Watershed Project. Additional project activities include development of bimonthly newsletters, brochures, self-guided field tours, new releases, and poster and slide presentations.

Michael Fesler asked about results for the first year of the contract.

Mr. Stokes stated that it is a little early to tell the results in terms of positive impacts to the lake.

Motion was made by Charlotte Mohr to approve the Section 319 Nonpoint Source Pollution Control Project with ISU as presented. Seconded by Michael Fesler. Motion carried unanimously.

APPROVED AS PRESENTED

AMENDMENT TO SMALL BUSINESS OMBUDSMAN PROGRAM INTERAGENCY AGREEMENT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the attached amendment to the interagency agreement between the Department and the Office of Citizens' Aide/Ombudsman (CA/O) for the State of Iowa.

The amendment is for \$10,000, to be used by the Office of Citizens' Aide/Ombudsman to develop and implement an education/outreach plan to enhance their efforts to educate small businesses about their obligations under the Clean Air Act. The plan will be developed in conjunction with the Iowa Air Emissions Assistance Program (IAEAP) of the Iowa Waste Reduction Center. Specific objectives of the plan include:

- Recommending specific strategies to increase small businesses' awareness of their Clean Air Act obligations;

- Recommending strategies to increase small businesses' awareness of the CA/O and IAEAP, as well as the resources available through the Iowa Department of Economic Development, the Iowa Department of Natural Resources, and other agencies and organizations;
- Recommending activities that will assist the CA/O with implementing the objectives contained in their FY 1996 workplan;
- Evaluating past CA/O educational efforts and materials and recommending future opportunities;
- Identifying and proposing measurement tools that can gauge the success of CA/O and IAEAP efforts.

The present interagency agreement is for \$55,875, for the period of October 1, 1995 through June 30, 1996. The proposed amendment, for \$10,000, increases the total agreement budget to \$65,875.

IOWA DEPARTMENT OF NATURAL RESOURCES

AGREEMENT AMENDMENT AGREEMENT NUMBER 96-7230-04

with

OFFICE OF CITIZENS' AIDE/OMBUDSMAN FOR THE STATE OF IOWA

This amendment covers changes in Agreement Number 96-7230-04, between the Office of Citizens' Aide/Ombudsman for the State of Iowa (CA/O) and the Iowa Department of Natural Resources (DNR). All parts of the Agreement that are not amended below shall continue to be in force throughout the Time of Performance.

CHANGES:

1. Change the Agreement Amount from \$55,875 to \$65,875.
2. Add the following to ARTICLE III - STATEMENT OF WORK:
 - 3.6 The CA/O shall obtain professional services in order to develop an education/outreach plan. The plan shall be developed in conjunction with the Iowa Air Emissions Assistance Program (IAEAP) of the Iowa Waste Reduction Center. The objectives of the plan shall include the following:
 - a. Recommending strategies to increase small businesses' awareness of their Clean Air Act obligations;
 - b. Recommending strategies to increase small businesses' awareness of the CA/O and IAEAP, and of the resources available through the Iowa Department of Economic Development, the Iowa Department of Natural Resources, and other agencies and organizations;

- c. Recommending specific activities and strategies that will assist the CA/O with implementing the objectives described in the CA/O FY 1996 Agreement workplan (Appendix A of Agreement);
- d. Evaluating past CA/O education and outreach publications and strategies and recommending future education and outreach opportunities;
- e. Identifying and proposing measurement tools that can gauge the success of CA/O and IAEAP efforts.

The education/outreach plan shall be completed no later than March 30, 1996. An original copy of the completed plan shall be forwarded to DNR on or before April 10, 1996. The report due to DNR on June 15, 1996 shall contain a description of the activities CA/O has undertaken as a result of the plan's recommendations.

3. Amend 8.1 of ARTICLE VIII - CONDITIONS OF PAYMENT as follows:

8.1 Payment for the work described in Article 3.6 shall be made to CA/O on a reimbursement basis, after CA/O submits to DNR two (2) copies of an original invoice from the firm or organization providing the service. The amount to be reimbursed to CA/O for professional services shall not exceed \$6,500, all or part of which shall be used to fund the education / outreach plan. The amount to be reimbursed to CA/O for implementation costs associated with the plan shall not exceed \$3,400 and shall be limited to reimbursement for travel, office supplies, and printing. Invoices shall be submitted to DNR no later than June 1, 1996. See Article 8.2 for other payment provisions.

~~This agreement is entered into on a fixed price basis~~ CA/O shall be paid for satisfactory completion of the remainder of the work outlined in Article III,~~on a fixed price basis,~~ according to the schedule stated in Article IX. This contract is not subject to Section 5.0 of the General Conditions.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement Amendment on the day and year last specified below.

Office of Citizens' Aide/Ombudsman

Iowa Department of Natural Resources

By: _____
William Angrick II
Citizens' Aide

By: _____
Larry J. Wilson
Director

Date: _____

Date: _____

This agreement amendment was approved, as required by Subsection 455B.105(7) of the Code of Iowa, by the Environmental Protection Commission on _____, 1996.

Mr. Stokes reviewed details of the agreement.

Discussion followed in regard to getting the word out about the availability for this type of assistance.

Motion was made by William Ehm to approve the Amendment to the Small Business Ombudsman Program Interagency Agreement as presented. Seconded by Michael Fesler. Motion carried unanimously.

Terrance Townsend asked if someone from the SBA Program could give a report on their activities at a future Commission meeting.

Mr. Stokes indicated that he will arrange for someone to make a presentation to the Commission.

APPROVED AS PRESENTED

CONTRACT FOR COMPUTER BASED FILING SYSTEM FOR AIR QUALITY OPERATING PERMITS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission is asked to approve a proposed contract to purchase a computer system to manage AQ operating permit program data and submittals (both electronic and paper). This computer system would store AQ files in electronic format, simplify AQ database management, and distribute this information over the departmental LAN.

The contract is for the hardware and software as well as installation and customization services to provide an "image-enabled" AQ database for \$1,484,076.

A Request For Proposals for this system was issued July 12, 1995. Staff have reviewed the resulting proposals and selected Wang Laboratories Inc. Staff has met with representative of the regulated community several times as the bid process proceeded.

Since much of the cost is related to setting up a system that meets departmental requirements, it is anticipated that this system could be expanded to other departmental functions at minimal costs (additional software licenses and storage devices).

This system would improve access to departmental records management and substantially reduce staff efforts in data entry and managing these records.

Mr. Stokes reviewed details of the contract. He noted that this equipment will give staff the ability to simultaneously track the status of an application as well as be able to provide the current status of correspondence received. He related that Iowa Prison Industries (IPI) will have the large imaging equipment in their office. Hardware and software along with two small pieces of imaging equipment will be installed in EPD offices on the fifth floor.

A lengthy discussion followed regarding electronic filing, the imaging system, highly accurate work by IPI, and eventually expanding this computer system to the water and solid waste programs. Mr. Stokes stated that the system will be up and operating by Christmas.

Motion was made by Gary Priebe to approve the contract for Computer Based Filing System for Air Quality Operating Permits with Wang Laboratories, Inc., at a cost of \$1,484,076. Seconded by Terrance Townsend. Motion carried unanimously.

APPROVED AS PRESENTED

FINAL RULE--CHAPTER 65, ANIMAL FEEDING OPERATIONS

Don Paulin, Deputy Director, presented the following item.

The Commission will be asked to adopt final rules addressing permitting and regulation of animal feeding operations in the State of Iowa. These rules were developed as a result of legislative mandates passed during the 1995 session of the Iowa General Assembly in HF 519. The rules were developed in consultation with an advisory committee known as the Animal Agriculture Consulting Organization (ACCO) as required by HF 519. The rules have been noticed and multiple public hearings conducted in order to receive public comment on the rules as initially proposed. The commission will be provided with a responsiveness summary and suggested changes to the rules resulting from public comments received under separate cover prior to the Commission meeting.

Public Participation - Mark Friedow

Mark Friedow, Iowa Poultry Association (IPA), stated that he has several issues to address regarding the recommended changes by DNR staff. He noted that proposed changes in the adjacency rules will have a tremendous impact on the small operations and the Commission should be mindful of that. He stated that the ACCO Committee agreed that the dry manure handling facilities would be treated separately from the liquid handlers as they are two totally separate and unique handling systems. He related that DNR is proposing that the dry and the liquid be added to come up with the numbers, if a producer has several species. He added that this is an inconsistency with the rest of the rule and it will create a problem for some of the small operators. Mr. Friedow also expressed concern about MMPs having to be sent to the county and related that their customer lists/information then becomes public and he does not feel that is right. He stated that in regard to violators, a logical solution to some of the major problems

would be for DNR and EPA to use their authority to require operating permits for those who violate pollution standards.

Public Participation - John Whitaker

John Whitaker, President of Iowa Farmer's Union and Van Buren County Supervisor, stated that the adjacency threshold will not affect family size producers. He related that no one below the threshold will be required to get a permit, and a permit does not prohibit construction above the threshold. He noted that the MMPs should be public, but pointed out that confidential information that crosses the desk of a county supervisor stays confidential. He suggested tightening the irrigation gun usage by putting more control on it.

Public Participation - Blaine Nickles

Blaine Nickles, Organization for Protection of the Environment, stated that he supports the DNR recommendations for Administrative Rules but would also recommend the following:

1. Under 65.2 (11), more separation distance should be provided for drainage ditches and small streams - this could be set up in a separate category from "waters of Iowa."
2. Under the MMP section, it should require another 100 foot set back distance when spreading dry poultry manure on snow covered or frozen ground.
3. Section 65.2 (10), regarding droplets from irrigation guns - would like to see the first cell of a two-stage, lagoon pit, under building or earthen basin have the same separation distance from residences as the irrigation gun separation distances. Mr. Nickles related that he supports the recommendation for MMPs being submitted to the county supervisors.
4. Section 65.11 (1), strike the item exempting CFOs with dry manure.
5. Section 65.16 (4), should not allow 1 1/2 times the amount of manure to be applied on low fertility soils as it could cause excess nitrates to leach into the underground water.
6. Should be a requirement to inspect lagoons built prior to 12/31/92. Custom operators who are doing the custom manure removal from this type of facility should be licensed by DALS.
7. The 2,500 foot adjacency threshold should be used and those operations (between 200,000 - 625,000 pounds) should be required to furnish a MMP.
8. Insert a title for each section of the rule to make it easier to read.

Public Participation - Bill Smith

Bill Smith, Attorney representing DeCoster Farms, stated that the rules are a reasonable balancing of the needs of larger producers and smaller producers, and are economically feasible. He added that he takes exception with the department's recommendations under 65.6(1)b, which reduces capacity regulation from 625,000 pounds to 200,000 pounds and says that anyone having a pending violation cannot get a permit even for that amount. He noted that the effect of a referral would take a person out of the construction business whether there is a basis for it or not and his concern is with the due process. Mr. Smith stated that it is wrong to deny a permit on a first offense and suggested that it be changed to a habitual violator, as in a second or third

offense. He urged the Commission to consider making a modification to the department's recommendations and change it to habitual offender and drop it down to 200,000 pounds.

Don Paulin reviewed the development of the rules and the process used by the ACCO committee. He noted that an additional page containing three recommendations was distributed to the Commission. He, along with Ubbo Agena, presented the Review of Comments and Staff Recommendations. The following recommendations were discussed one-by-one and comments/rebuttal was made by Harold Trask, Mark Freidow, Maynard Jayne, and Lindsey Larson at various points of the rule. The Commission's actions are noted.

Section 65.1 - Definition of "Covered" - **Commission approved staff recommendation as presented, making no change**

Section 65.6(1) - Animal-feeding operations required to obtain a construction permit - **Commission agreed to delay until main portion taken up later on in rule**

Section 65.16 - Manure Management Plan for Construction Permit Applicants - **Commission agreed to delay until main portion taken up later on in rule**

Section 49.5 - Well Separation Distance - No change recommended - **Commission agreed with staff**

Section 65.1 - Definition of "Adjacent"

Mr. Trask stated opposition to increasing the adjacency distance mainly because it would prevent construction and would hinder the small producers and he expanded on this and several other issues. He noted that adjacency does not address the concentration issue and it is addressed in the MMP.

Mr. Paulin stated that the first category in this recommended change dealing with 1,250 feet separation is of major importance. He disagreed with Mr. Trask that it would not affect concentration and expanded on that issue. He noted that 16,664 finished hogs can be raised on a 160 acre tract without having to obtain a state permit. He stated that the Commission will need to decide what a small family farm is these days and what is a mega unit.

Discussion followed regarding MMPs, separation distances, and additional staff to implement the rules.

Motion was made by Gary Priebe to leave the separation distance at 1,250 feet as originally agreed on by the ACCO committee. Seconded by Michael Fesler.

Discussion followed regarding a possible loophole, requirements for MMPs, and the impact on small producers.

Chairperson King requested a roll call vote. "Aye" vote was cast by Commissioners Priebe, Draeger, Fesler, Mohr, Murphy, and King. "Nay" vote was cast by Commissioners Townsend and Ehm. Motion carried on a vote of 6-Aye to 2-Nay.

Section 65.1 - Animal Feeding Operation - **Commission approved staff recommendation to clarify**

Section 65.1 - Animal Unit - No change recommended - **Commission agreed with staff**

65.1 - Animal Weight Capacity

Ubbo Agena stated that this change is to establish a procedure to determine whether or not a permit is needed if one has multiple species of livestock in confinement. He explained details of this requirement and noted that he does not agree that dry and liquid manure should never be considered together in terms of permit thresholds.

Mark Freidow commented that this recommendation is inconsistent because the dry handling systems are separated throughout the rule and HF 519 and it was the understanding through ACCO that these are separate issues. He described a hypothetical situation and stressed that he objects the the example listed.

Mr. Paulin stated that if the only request is to strike the example, staff would agree with it.

Commission agreed to delete Example 4 following the definition, but leave the recommended changes for the definition of animal weight capacity.

65.1 - Commercial Enterprise - No change recommended - **Commission agreed with staff**

65.1 - Definition of "Covered" - (already handled at beginning of presentation)

65.1 - Definition of "Cropland" - No change recommended - **Commission agreed with staff**

65.1 - Designated Areas - No change recommended - **Commission agreed with staff**

65.1 - Enforcement Action - No change recommended - **Commission agreed with staff**

65.1 - Formed Manure Storage Structures - No change recommended - **Commission agreed with staff**

65.1 - Man-made Waste Drainage System - **Commission approved staff recommendation to clarify**

65.2 (1), (3), (4), (6), (9) - Minimum Manure Control Requirements and Guidelines - No change recommended - **Commission agreed with staff**

65.2 (10) - Minimum Manure Control Requirement and Guidelines

Mr. Paulin stated that the staff recommendation is that a person using spray irrigation should not be allowed to apply at a rate high enough to allow runoff from one field to another, even though both fields are owned by the same individual. The rule was originally written not to allow runoff from the property of one landowner to another landowner.

Maynard Jayne, Iowa Cattlemans Association, stated that this section does not only apply to confinement feeding operations but applies to everyone who uses any type of irrigation. He noted that in regard to storm water runoff basins the dilution factor is much greater than within confinement hog operations. He read section 65.2(10)a of the rules and noted that it says runoff shall not leave the property of the person who is applying or irrigating. Mr. Jayne pointed out that DNR is saying it shall not leave the wetted perimeter of where one is applying.

Mr. Paulin clarified that this would not restrict it from running from the wetted perimeter because that must maintain the setback distance in some areas. He stated that the department recommendation is an attempt to be proactive rather than waiting until after an accident happens to take action.

Motion was made by Mike Fesler to strike the recommendation by the department and go with the language originally agreed on by the ACCO committee. Seconded by Terrance Townsend.

Chairperson King requested a roll call vote. "Aye" vote was cast by Commissioners Townsend, Ehm, Fesler, Mohr, Murphy, Priebe, and King. "Nay" vote was cast by Commissioner Draeger. Motion carried on a vote of 7-Aye to 1-Nay.

Commission ruled against the staff recommendation and upheld the language originally proposed by the ACCO committee.

Section 65.2 (11) - Minimum Manure Control Requirements and Guidelines - **Commission approved staff recommendation as presented, deleting the index**

Section 65.3 (2) - No change recommended - **Commission agreed with staff**

Section 65.6 (1) and (2) - Animal-Feeding Operations Required to Obtain a Construction Permit and Animal-Feeding Operations not Required to Obtain a Construction Permit

Discussion took place regarding enforcement actions and restrictions on construction. Mr. Trask stated that the ACCO committee is in agreement with the DNR staff recommendation and he helped write a clarification regarding the intent of the second paragraph. - **Commission agreed with staff recommendation**

Section 65.6 (5) - Expiration of Construction Permits - Commission approved staff recommendation to clarify

Section 65.7 - Construction - Commission approved staff recommendation to clarify

Section 65.8 (1) - Construction Permit Application

Mr. Paulin stated that this section deals with the issue of whether the MMP should go to the County Board of Supervisors. He related that department's position is that the MMP should go to the county at the time the permit application is submitted. It will be more easily accessible to Iowans that way.

Lindsey Larson, Iowa Farm Bureau, stated that the ACCO committee felt that the MMP and the permit application were separate documents. He expressed concern with the MMP going to the county as there have been incidents in the country where grain operations have been harassed to the point where they backed out of manure taking agreements because of talk that they would be taking manure from an operation that people did not want them to be involved in. He added that it violates the language in HF 519 which says they are separate and only the permit application will go to the County Board of Supervisors. He urged that the rule remain as currently written.

A lengthy discussion took place regarding the intent of the legislation, confidentiality of the documents remaining confidential and requesting it as such, and trade secret protection.

Mr. Paulin stated that last week the House of Representatives passed a Resolution which requests release of MMPs to the county.

Representative Keith Weigel explained that the resolution does request that the MMPs be given to the counties and that should clear up what the legislative intent was.

Motion was made by Kathryn Draeger to accept the recommendations by the department under section 65.8 (1) requiring that a copy of the permit application and manure management plan be provided to the county board of supervisors. Seconded by Kathryn Murphy.

Discussion followed regarding concerns with confidentiality.

Director Wilson stated that in the interest of good government and openness and cooperation between the counties and the department, the information should be available locally.

Chairperson King requested a roll call vote. "Aye" vote was cast by Commissioners Draeger, Ehm, Murphy, Priebe, Townsend, and King. "Nay" vote was cast by Commissioners Fesler and Mohr. Motion carried on a vote of 6-Aye to 2-Nay.

Commission approved staff recommendation as presented

Section 65.9 - County Comment on Construction Permit Application - **Commission approved staff recommendation as presented, dealing with submission of MMP to counties**

Section 65.11 - Exemptions to Separation Distance - No change recommended - **Commission agreed with staff**

Section 65.12 - Separation Distance from Agricultural Drainage Wells or Sinkholes - No change recommended - **Commission agreed with staff**

Section 65.13 - Separation Distances from Certain Lakes, Rivers, and Streams

Mr. Paulin reviewed that the Commission had no objections to this when it was presented in October. He related that the recommendation in October was to allow the department to add rivers, lakes or streams on a case-by-case basis. He noted that upon review the Fisheries and Parks divisions recommended that the list shown in this section be added to those that are already on the charts. This listing originated from county conservation boards.

The Commission expressed concern with the list of added rivers, lakes and streams not going out to public hearing.

Motion was made by Gary Priebe to take the recommended list of additions out to public hearing through the normal rulemaking process. Seconded by Charlotte Mohr. Motion carried unanimously.

Director Wilson requested to have Fogle Lake, in Ringgold County, added to the list prior to taking it to public hearing.

Commission approved adding the list of lakes, streams and rivers but only by taking it through the rulemaking process.

Section 65.15 (1), (2) and (3) - Manure Storage Structure Design Requirements

Mr. Paulin reviewed the comments on this section and explained the recommended changes. Mr. Agena explained that this provides a means to make sure any problems that occur on permitted facilities with drain tile lines to lower the groundwater will be corrected.

Mr. Paulin noted that a representative of Iowa Select Farms just notified him of a concern with the recommended change.

Mike Blazer, Iowa Select Farms, stated that his concern about requiring portland cement is that on 12 inch tiles he would have to retrench everything, find the lines which were plugged with bentonite this summer, dig out the bentonite and repack them with portland cement. He related that it does not seem to be fair to them for being proactive on this issue.

Mr. Paulin stated that the word "bentonite" could be struck and it would will then say " or similar materials," which would still provide authorization for the department to allow it in certain instances.

Commission approved staff recommendation as presented with the inclusion of striking the word "bentonite" in section 65.15 (3)(d)

Section 65.15 (4) - 65.15 (13) - Manure Storage Structure Design Requirements - No change recommended - **Commission agreed with staff**

Section 65.16 - Manure Management Plans for Construction Permit Applicants

Mr. Agena reviewed the public comments and staff recommendations. He noted that where it says "Amend 65.12 (2) (a), it should be corrected to read 65.16 (2) (a).

Lindsey Larson asked that the alternative language under 65.16 (4) (d) be included in the rulemaking process.

Commissioner Ehm stated that he supports the alternative language.

Blaine Nickles stated that he feels it would be best to stay with the recommended crop uptake. He added that he does not think it should be allowed to go over 1.5 times the optimum yield nitrogen uptake for the crop.

Discussion followed regarding the use of 1.5 times the annual crop nitrogen usage rate.

Commission approved staff recommendations including the deletion of 65.16 (4) (d) and using the recommended alternative language for that section

Section 65.17 - Construction Certification - **Commission approved staff recommendation as presented, changing "inspected" to "investigated"**

Section 65.18 - Manure Management Plans for Confinement Feeding Operations Utilizing formed Manure Storage Structures for which a Construction Permit is Not Required

Mr. Agena discussed the recommended changes under sections 65.18 (2) (c), 65.18 (2) (h), and 65.18 (1) (b). He noted that 65.18 (1) will include not only new construction but also facilities that are currently in operation and decide to expand.

Harold Trask stated that 65.18 (1) dealing with expanded operations was not included in the public comment period. He related that he is concerned that it did not go out for public comment. He noted that the Iowa Pork Producers are going to recommend to all producers that they submit a MMP but he does not want someone who does not get the word to be hung by the DNR's rules and regulations.

Mr. Paulin stated that this recommendation is a connection back to HF519 and how they dealt with the construction permit issue.

Motion was made by Gary Priebe to approve staff recommendations for 65.18 (2)(c) and - 65.18 (2)(h), and to take 65.18 (1)(b) out to public hearing only on the expanded operations issue. Seconded by Terrance Townsend. Motion carried unanimously.

Commission approved the first two staff recommendations as presented and requested the third one be taken out to public hearing

Mr. Paulin summarized the actions taken by the Commission today.

Motion was made by William Ehm to approve Final Rule--Chapter 65, Animal Feeding Operations with the changes acted on by the Commission. Seconded by Kathryn Murphy. Motion carried unanimously.

APPROVED AS AMENDED

APPOINTMENT - MARK GUGE (IOWA LAKES CONTROLLED GRAZING PROJECT)

Mark Guge, Iowa Lakes Controlled Grazing, introduced Joe Leopold and Craig White, who are accompanying him today. He explained what the Iowa Lakes Controlled Grazing Project (ILCGP) is and presented a history of the project. He noted the following four areas ILCGP wanted to accomplish: 1) to encourage producers/landowners to implement best management practices on the natural resources they owned or operated; 2) to build an image as cattlemen who want to protect and enhance the environment and encourage others to do the same; 3) to build bridges with environmental and conservation groups; and 4) identify affects of the animal industry to the local communities. He expanded on details of the project, grants received, and project results. Mr. Guge gave a slide presentation depicting some of the grazing project areas.

Joe Leopold also gave a slide presentation pointing out different species of wildflowers growing on his pasture area and related that it is what makes raising cattle a joy for him. He noted that rotational grazing increases wildflower species and keeps the grasses up. He showed slides depicting various wildlife on the area ponds.

APPOINTMENT - ROD WILLIAMSON (RACCOON RIVER WATERSHED PROJECT)

Rod Williamson, substituting for Roger Wulf, introduced Kyle Swanson with Iowa Natural Heritage Foundation. He distributed brochures about the Raccoon River Watershed Project and explained same. He noted that they wanted to take a proactive approach in dealing with the nitrate and other issues in the watershed. Purpose is to develop and direct economically viable programs for farmers that improve water quality. The second purpose is to build a coalition

among government agencies, conservation groups, various organizations and local groups. He related that the guiding principles are that there must be scientific basis for these problems and identifying solutions, it must be a voluntary educational approach, the protection must be economically sustainable, and farmers must be free to communicate their success stories to others. Mr. Williamson expanded on how they will work to accomplish the goals and what the results of the project should be. He noted that it will take more than three years to see improvement at the Des Moines Water Works as a result of this project.

APPOINTMENT - KYLE SWANSON

Kyle Swanson, Iowa Natural Heritage Foundation, discussed the following four programs: 1) The N-Check Program allows farmers to take a 6" section of cornstalk to be analyzed by ISU which shows how many ppm/nitrate were left in the stalk. This will help the farmer to fine tune their nitrate applications so that they are applying only the optimal rate. 2) The demonstration plot program is a project which involves planting a special variety of high population corn to be planted at double population of normal corn. A two-acre demonstration this year achieved a 30% yield benefit and at the same time there is increased residue cover on the ground because of the higher plant populations. USDA research suggests that the faster leaf mass development of the plant due to the density should allow the reduction of herbicide use by up to 75%. 3) and 4) Involves management intensive grazing and streambank stabilization. He expanded on details of each of these programs.

Chairperson King thanked Mr. Guge, Mr. Leopold, Mr. Williamson and Mr. Swanson for their presentations.

PROPOSED RULE--CHAPTER 22, DEFERRAL OF TITLE V FEE PAYMENT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the following amendment clarifying that sources presently deferred from the requirement to obtain a Title V permit (sources which are neither a major source, nor an affected (acid rain) source, nor a solid waste incineration unit required to obtain a permit pursuant to section 129(e) of the Act) are not required to pay the Title V fee until such time as the deferral expires. The deferral expires April 20, 1999.

ENVIRONMENTAL PROTECTION COMMISSION [567]

Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution," Iowa Administrative Code.

The requirement to obtain a Title V operating permit is currently deferred for all sources otherwise required to obtain a permit that are neither major sources, nor acid rain affected

sources, nor solid waste incineration units required to obtain a permit pursuant to section 129(e) of the Act, until April 20, 1999 (five years from the effective date of rule 22.101(455B)). Therefore, this amendment proposes to exempt these sources from the requirement to pay the Title V permit fee until such time as these sources are required to apply for Title V permits.

This amendment may impact small business.

This amendment is intended to implement Iowa Code section 455B.133.

The following amendment is proposed.

ITEM 1. Amend rule 22.106(455B) by adding the following **new** subrule:

22.106(6) Title V deferred stationary sources. No fee shall be required to be paid for emissions until the year which sources deferred under subrule 22.101(2) are required to apply for a Title V permit. Fees shall be paid for the emission year preceding the year in which the application is due and thereafter.

Mr. Stokes gave a brief explanation of the proposed rules.

INFORMATION ONLY

RESCIND RULE--CHAPTER 30, RESCIND RULE FOR TEMPORARY AIR TOXICS FEE

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to rescind 567--Chapter 30, "Temporary Air Toxics Fee." The Temporary Air Toxics Fee has been replaced by the Title V Fees as established in Iowa Code subsection 455B.133(8) and implemented through 567--22.106.

Iowa Code section 455B.133A "Temporary Air Toxics Fee Imposed" as established in 91 Acts, ch 255, § 9; 92 Acts, ch 1052, § 1; and 92 Acts, ch 1163, § 90 has been repealed pursuant to section 4, HF 425, 1995 General Assembly.

The Commission will be asked to find that, in compliance with Iowa Code section 17A.4(2), notice and public participation are unnecessary because the Iowa Code section 455B.133A "Temporary Air Toxics Fee Imposed" has been repealed by section 4, HF 425, 1995 General Assembly.

Mr. Stokes reviewed the item and asked the Commission's approval to rescind the rule.

<i>Motion was made by Terrance Townsend to approve Final Rule--Chapter 30, Temporary Air Toxics Fee. Seconded by Michael Fesler. Motion carried unanimously.</i>
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APPROVED AS PRESENTED

FINAL RULE--CHAPTER 22, TITLE V FEE PAYMENT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the attached amendments Chapter 22, "Controlling Pollution" for final Filing and Adoption.

Title V air operating permit fees are currently paid on November 15th of each year. This date coincides with the date the department filed its application for approval of the Title V operating permit program with EPA. The state's fiscal year runs from July 1st to June 30th. Currently, the department maintains a budget for the state fiscal year, and then adjusts it for the Title V fee year by carrying forward fees to cover one-third of the year. The amendment requires fees to be paid at the beginning of the state fiscal year on July 1st, which permits revenues and expenses to be reported for the same period. The amendment also advances the date on which Title V sources must submit their emissions inventory, from November 15th to March 31st of each year. This will enable the commission to base fees on actual, rather than estimated, emissions. The amendment also requires the department to submit budget information, changes to the emission form, total statewide Title V emissions, and the fee calculation, to the commission and the public by certain dates. It also requires the commission to set the fee by the May commission meeting, provides additional guidance to the commission on how to set the fee, and requires the commission to provide for public comment on the budget and fee.

Three changes have been made to the Notice of Intended Action as a result of comments made during the public comment period. In Item 2, subrule 22.106(3) is changed by adding the following sentence in the middle of the first unnumbered paragraph: "The fee shall be submitted with the following forms: Form 1.0 "Facility identification"; Form 5.0 "Title V annual emission summary/fee"; and Part 3 "Application certification." Paragraph 22.106(3)"c" is also changed to rename Form 5.0 to "Title V annual emissions summary/fee." The last unnumbered paragraph in subrule 22.106(3) is changed by adding the following sentence: "If revised forms are not available by January 1, forms from the previous year may be used."

ENVIRONMENTAL PROTECTION COMMISSION [567]

Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution," Iowa Administrative Code.

Title V air operating permit fees are currently paid on November 15th of each year. This date coincides with the date the department filed its application for approval of the Title V operating permit program with EPA. The state's fiscal year runs from July 1st to June 30th. Currently, the department maintains a budget for the state fiscal year, and then adjusts it for the Title V fee year by

carrying forward fees to cover one-third of the year. The amendment requires fees to be paid at the beginning of the state fiscal year on July 1st, which permits revenues and expenses to be reported for the same period. The amendment also advances the date on which Title V sources must submit their emissions inventory, from November 15th to March 31st of each year. This will enable the commission to base fees on actual, rather than estimated, emissions. The amendment also requires the department to submit budget information, changes to the emission form, total statewide Title V emissions, and the fee calculation, to the commission and the public by certain dates. It also requires the commission to set the fee by the May commission meeting, provides additional guidance to the commission on how to set the fee, and requires the commission to provide for public comment on the budget and fee.

Item 1 deletes language from the Title V application rule which requires fees to be submitted with the Title V application.

Item 2 removes the amount of the fee from the rule, changes the date that fees will be paid from November 15 to July 1 of each year, requires the department to submit a budget to the commission in March, provides additional guidance to the commission on setting the fee, and provides for public comment. This amendment also changes the date fees must be paid from November 15 to July 1 of each year, changes the date emissions information must be submitted from November 15 to March 31 of each year, provides that the department will make revised emission forms available to the public by January 1, and requires the department to calculate total statewide Title V emissions and make this calculation available to the public by April 30 of each year. The list of forms due to the department each year is clarified by listing each form and form title. Each subrule is titled for clarification.

A Notice of Intended Action proposing these amendments was published in the Iowa Administrative Bulletin on November 8, 1995, as ARC 6005A. A public hearing was held on December 11, 1995. One oral and two written comments were received. Three changes have been made to the Notice of Intended Action as a result of comments made during the public comment period. In Item 2, subrule 22.106(3) is changed by adding the following sentence in the middle of the first unnumbered paragraph: "The fee shall be submitted with the following forms: Form 1.0 "Facility identification"; Form 5.0 "Title V annual emission summary/fee"; and Part 3 "Application certification." Paragraph 22.106(3)"c" is also changed to rename Form 5.0 to "Title V annual emissions summary/fee." The last unnumbered paragraph in subrule 22.106(3) is changed by adding the following sentence: "If revised forms are not available by January 1, forms from the previous year may be used."

These rules may impact small business.

These rules are intended to implement Iowa Code section 455B.133.

These amendments will become effective March 20, 1996.

The following amendments are adopted.

ITEM 1. Amend 567--22.105(1) as follows:

22.105(1) Duty to apply. For each source required to obtain a Title V permit, the owner or operator or designated representative, where applicable, shall present or mail to the Air Quality Bureau, Iowa Department of Natural Resources, Wallace State Office Building, 900 East

Grand Avenue, Des Moines, Iowa 50319-0034, at least four copies of a complete and timely permit application in accordance with this rule. ~~The application shall be accompanied by the required amount of fees.~~

ITEM 2. Amend rule 567--22.106(455B) as follows:
567--22.106(455B) Title V permit fees.

22.106(1) Fee established. Any person required to obtain a Title V permit shall pay an annual fee ~~of \$24 times based on~~ the total tons of actual emissions of each regulated air pollutant, beginning November 15, 1994. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year. The department and the commission will review the fee structure on an annual basis and adjust the fee as necessary to cover all reasonable costs required to develop and administer the programs required by the Act. The department shall submit the proposed budget for the following fiscal year to the commission no later than the March meeting. The commission shall set the fee based on the reasonable cost to run the program and the proposed budget no later than the May commission meeting of each year. The commission shall provide an opportunity for public comment prior to setting the fee. The commission shall not set the fee higher than \$24 per ton without adopting the change pursuant to formal rule making.

22.106(2) Fee calculation. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant or contaminant emitted each year from each major source.

22.106(3) Fee and documentation due dates. The fee shall be submitted annually by ~~November 15 July 1, with a complete part 1 portion of the Title V permit application documenting actual emissions calculations for the previous year.~~ The fee shall be submitted with the following forms: Form 1.0 "Facility identification"; b. Form 5.0 "Title V annual emissions summary/fee"; and Part 3 "Application certification."

The following forms shall be submitted annually by March 31 documenting actual emissions for the previous calendar year: Form 1.0 "Facility identification"; b. Form 4.0 "Emission unit - actual operations and emissions" for each emission unit; Form 5.0 "Title V annual permit fee"; and Part 3 "Application certification."

If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.

22.106(4) Phase I acid rain sources. No fee shall be required to be paid for emissions which occur during the years 1993 through 1999 inclusive, with respect to any Phase I acid rain affected unit under Section 404 of the Act.

22.106(5) Operation in Iowa. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.

Date

Larry J. Wilson, Director

(A copy of the Responsiveness Summary is on file in the department's Records Center)

Mr. Stokes briefly reviewed the rules.

Motion was made by Terrance Townsend to approve Final Rule--Chapter 22, Title V Fee Payment. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED AS PRESENTED

FINAL RULE--CHAPTER 22, RETROACTIVE EXEMPTIONS FOR CONSTRUCTION PERMITS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the attached final rule to amend Chapter 22, "Controlling Pollution," Iowa Administrative Code.

The purpose of this amendment is to make the construction permit exemptions contained in subrule 22.1(2) retroactive.

This amendment was published in the Iowa Administrative Bulletin on November 11, 1995, as ARC 6006A. This amendment was also Adopted and Filed Emergency and was published on November 11, 1995, as ARC 6007A. ARC 6006A contains an item that had been deleted by the Commission in the Notice of Intended Action. A correction will be made in an amended Notice of Intended Action, ARC 6062A.

A public hearing was held on December 8, 1995. No oral comments and two written comments were received. A summary of the comments and the Department's response is attached. Copies of the comments are also attached. The Environmental Protection Commission has requested that the phrase "within 60 days of October 20, 1996" be changed to "within 60 days of the effective date of this rule." In accord with Iowa Administrative Code form the rule has incorporated the actual effective date (March 20, 1996) to replace the phrase "effective date of this rule."

ENVIRONMENTAL PROTECTION COMMISSION [567] Adopted and Filed

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby amends Chapter 22, "Controlling Pollution," Iowa Administrative Code.

The purpose of this amendment is to make the construction permit exemptions contained in subrule 22.1(2) retroactive.

Items 1 and 2 delete language which prohibits construction permit exemptions from being retroactive. Deletion of that language enables construction permit exemptions to be retroactive.

Item 3 provides a method for those claiming a retroactive exemption to provide information to the department. The current rule refers to new construction only.

This amendment was published in the Iowa Administrative Bulletin on November 11, 1995, as ARC 6006A. This amendment was also Adopted and Filed Emergency and was published on November 11, 1995, as ARC 6007A. ARC 6006A contains an item that had been deleted by the Commission in the Notice of Intended Action. A correction will be made in an amended Notice of Intended Action, ARC 6062A.

A public hearing was held on December 8, 1995 at 1:30 P.M. in the Fifth Floor West Conference Room, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa. No oral comments and two written comments were received. The Environmental Protection Commission has requested that the phrase "within 60 days of October 20, 1996" be changed to "within 60 days of the effective date of this rule." In accord with Iowa Administrative Code form the rule has incorporated the actual effective date (March 20, 1996) to replace the phrase "effective date of this rule."

These rules may impact small businesses.

These rules are intended to implement Iowa Code section 455B.133.

The following amendments are adopted.

ENVIRONMENTAL PROTECTION COMMISSION [567] Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution," Iowa Administrative Code.

The purpose of these amendments is to make the construction permit exemptions contained in subrule 22.1(2) retroactive. These amendments also clarify the wording of one sentence.

Items 1 and 2 delete language which prohibits construction permit exemptions from being retroactive. Deletion of that language enables construction permit exemptions to be retroactive.

Item 3 provides a method for those claiming a retroactive exemption to provide information to the Department. The current rule refers to new construction only.

Any person may make written suggestions or comments on the proposed amendments on or before December 8, 1995. Written comments should be directed to Gaye Wiekierak, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa 50319-0034, fax (515)281-8895.

A public hearing will be held on December 8, 1995, at 1:30 p.m. in the Fifth Floor West Conference Room, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa, at which time comments may be submitted orally or in writing.

Any persons who intend to attend a public hearing and have special requirements, such as hearing or mobility impairments, should contact the Department of Natural Resources to advise the Department of any specific needs.

These amendments may impact small businesses.

These amendments are intended to implement Iowa Code section 455B.133.

ITEM 1. Amend subrule 22.1(2), introductory paragraph, as follows:

22.1(2) Exemptions. The provisions of this rule shall not apply to the following listed equipment or control equipment unless review of the equipment or control equipment is necessary to comply with rule 22.4(455B), prevention of significant deterioration requirements; rule 22.5(455B), special requirements for nonattainment areas; 567--subrule 23.1(2), new source performance standards; or 567-- subrule 23.1(3), emission standards for hazardous air pollutants, in which case a permit must be obtained. If equipment is permitted under the provisions of rule 22.8(455B), then no other exemptions shall apply to that equipment. ~~If a source does not have a construction permit and should have had one, this subrule does not exempt the source from the requirement to obtain a construction permit.~~

ITEM 2. Amend subrule 22.1(2), paragraph "g," as follows:

g. Equipment or control equipment which reduces or eliminates all emission to the atmosphere. ~~If a source does not have a construction permit and should have had one, this paragraph does not exempt the source from the requirement to obtain a construction permit.~~ If a source wishes to obtain credit for reductions under the prevention of significant deterioration requirements, it must apply for a permit for the reduction prior to the time the reduction is made. If a construction permit has been previously issued for the equipment or control equipment, the conditions of the construction permit remain in effect. In order to use this exemption, the facility must comply with paragraph "s" below.

ITEM 3. Amend subrule 22.1(2), paragraph "s," as follows:

s. A facility claiming to be exempt under the provisions of paragraph "g" or "I" above shall provide the information listed in 22.1(2)"s"(1) through 22.1(2)"s"(8) to the department, at least 30 days in advance of the beginning of construction on the project, a written statement which shall include the following: If the exemption is claimed for a source not yet constructed or modified, the information shall be provided to the department at least 30 days in advance of the beginning of construction on the project. If the exemption is claimed for a source that has already been constructed or modified and that does not have a construction permit for that construction or modification, the information listed in 22.1(2)"s"(1) through 22.1(2)"s"(8) shall be provided to the department within 60 days of March 20, 1996. After that date, if the exemption is claimed by a source that has already been constructed or modified and that does not

have a construction permit for that construction or modification, the source shall not operate until the information listed in 22.1(2)"s"(1) through 22.1(2)"s"(8) is provided to the department.

Date

Larry J. Wilson, Director

(A copy of the responsiveness summary is on file in the department's Records Center)

Mr. Stokes distributed corrected copies of the agenda brief and the rule and briefly reviewed details of the rule.

Motion was made by Terrance Townsend to approve Final Rule--Chapter 22, Retroactive Exemptions for Construction Permits. Seconded by Michael Fesler. Motion carried unanimously.

APPROVED AS PRESENTED

FINAL RULE--CHAPTER 22, SO2 NONATTAINMENT AREAS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the attached amendments Chapter 22, "Controlling Pollution" for final Filing and Adoption.

The purpose of these amendments is to make the department's New Source Review rules regarding Sulfur dioxide (SO2) nonattainment areas conform with changes made by the Clean Air Act Amendments of 1990. Revision of these rules is one of the required elements of the State Implementation Plan revision made necessary by the Environmental Protection Agency's March 8, 1994, declaration that areas of Muscatine County, Iowa, are in nonattainment for the SO2 National Ambient Air Quality Standard.

Four changes have been made to the Notice of Intended Action as a result of comments made during the public comment period. In Item 1, paragraphs 22.5(2) "c" and "d" respectively, the existing term "annual geometric mean" as it relates to worst case ground level particulate and sulfur dioxide concentrations has been corrected to "annual arithmetic mean." In Item 2, paragraph 22.5(3)"b" the existing language is changed to clarify the second to last word by changing "affected" to "nonattainment." Finally, in Item 3, paragraph 22.5(4)"a" the existing language is corrected by changing the word "diffusion" to "dispersion."

**ENVIRONMENTAL PROTECTION COMMISSION[567]
Filed and Adopted**

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby amends Chapter 22, "Controlling Pollution," Iowa Administrative Code.

The purpose of these amendments is to make the Department's new source review rules regarding sulfur dioxide (SO₂) nonattainment areas conform with changes made by the Clean Air Act Amendments of 1990. Revision of these rules is one of the required elements of the State Implementation Plan revision made necessary by the Environmental Protection Agency's March 8, 1994, declaration that areas of Muscatine County, Iowa, are in nonattainment for the SO₂ National Ambient Air Quality Standard.

A Notice of Intended Action proposing these amendments was published in the Iowa Administrative Bulletin on November 8, 1995, as ARC 6004A. A public hearing was held on December 8, 1995. No oral comments and one written comment was received. Four changes have been made to the Notice of Intended Action as a result of comments made during the public comment period. In Item 1, paragraphs 22.5(2) "c" and "d" respectively, the existing term "annual geometric mean" as it relates to worst case ground level particulate and sulfur dioxide concentrations has been corrected to "annual arithmetic mean." In Item 2, paragraph 22.5(3) "b" the existing language is changed to clarify the second to last word by changing "affected" to "nonattainment." Finally, in Item 3, paragraph 22.5(4) "a" the existing language is corrected by changing the word "diffusion" to "dispersion."

These amendments may impact small businesses.

These amendments are intended to implement Iowa Code section 455B.133.

These amendments will become effective March 20, 1996.

The following amendments are adopted.

ITEM 1. Amend subrule 22.5(2) as follows:

22.5(2) ~~Emission offset applicability~~ Applicability.

a. The requirements contained in rule 22.5(455B) shall apply to any new major stationary source or major modification that, as of the date the permit is issued, is major for any pollutant for which the area in which the source would construct is designated as nonattainment (in 40 CFR 81.316, as amended through May 31, 1995).

b. The requirements contained in rule 22.5(455B) shall apply to each nonattainment pollutant that the source will emit or has the potential to emit in major amounts. In the case of a modification, the requirements shall apply to the significant net emissions increase of each nonattainment pollutant for which the source is major.

a. c. ~~Particulate matter nonattainment areas.~~ If a major source or major modification is proposed to be constructed in an area designated nonattainment for particulate matter in 40 CFR §81.316 (as amended through ~~April 11, 1994~~ May 31, 1995), then emission offsets must be achieved prior to startup.

If a major source or major modification is proposed to be constructed in an area designated attainment or unclassified for particulate matter in 40 CFR section 81.316 (as amended through May 31, 1995), but the modeled (EPA-approved guideline model) worst case ground level particulate concentrations due to the major source or major modification in a

designated particulate matter nonattainment area is equal to or greater than five micrograms per cubic meter (24-hour concentration), or one microgram per cubic meter (annual ~~geometric~~ arithmetic mean), then emission offsets must be achieved prior to startup.

~~b. d.~~ Sulfur dioxide ~~nonattainment areas~~. If a major source or major modification is proposed to be constructed in an area designated nonattainment for sulfur dioxide in 40 CFR §81.316 (as amended through ~~April 11, 1994~~ May 31, 1995), then emission offsets must be achieved prior to startup.

If a major source or major modification is proposed to be constructed in an area designated attainment or unclassified for sulfur dioxide in 40 CFR section 81.316 (as amended through May 31, 1995), but the modeled (EPA-approved guideline model) worst case ground level sulfur dioxide concentrations due to the major source or major modification in a designated sulfur dioxide nonattainment area is equal to or greater than 25 micrograms per cubic meter (three-hour concentration), five micrograms per cubic meter (24-hour concentration), or one microgram per cubic meter (annual ~~geometric~~ arithmetic mean), then emission offsets must be achieved prior to startup.

~~c.~~ Emission offsets are required for carbon monoxide (CO) in carbon monoxide ~~nonattainment areas~~.

~~d.~~ Emission offsets for any regulated air contaminant in the designated nonattainment area shall provide for reasonable further progress toward attainment of the applicable national ambient air quality standards and provide a positive net air quality benefit in the affected area.

e. At such time that a particular source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of this rule shall apply to the source ~~of~~ or modification as though construction had not yet commenced on the source or modification.

ITEM 2. Amend subrule 22.5(3) as follows:

22.5(3) Emission offsets.

a. Emission offsets shall be obtained from the same source or other sources in the same nonattainment area, except that the required emissions reductions may be obtained from a source in another nonattainment area if:

(1) The other area, which must be nonattainment for the same pollutant, has an equal or higher nonattainment classification than the nonattainment area in which the source is located, and

(2) Emissions from such other nonattainment areas contribute to a violation of a National Ambient Air Quality Standard in the nonattainment area in which the proposed new or modified source would construct.

b. Emission offsets for any regulated air contaminant in the designated nonattainment area shall provide for reasonable further progress toward attainment of the applicable National Ambient Air Quality Standards and provide a positive net air quality benefit in the nonattainment area.

c. The increased emissions of any applicable nonattainment air pollutant allowed from the proposed new or modified source shall be offset by an equal or greater reduction, as applicable, in the total tonnage and impact of actual emissions, as stated in subrule 22.5(4), of

such air pollutant from the same or other sources. For purposes of subrule 22.5(3), actual emissions shall be determined in accordance with subparagraphs 22.5(1)"n" (1) and (2).

d. All emissions reductions claimed as offset credit shall be federally enforceable prior to, or upon, the issuance of the permit required under this rule and shall be in effect by the time operation of the permitted new source or modification begins.

e. Proposals for emission offsets shall be submitted with the application for a permit for the major source or major modification. All approved emission offsets shall be made a part of the permit and shall be deemed a condition of expected performance of the major source or major modification.

ITEM 3. Amend paragraph 22.5(4)"a" as follows:

22.5(4) Acceptable emission offsets.

a. Equivalence. The effect of the reduction of emissions must be measured or predicted to occur in the same area as the emissions of the major source or major modification. It can be assumed that, if the emission offsets are obtained from an existing source on the same premises or in the immediate vicinity of the major source or major modification and if the air contaminant disperses from substantially the same stack height, the emissions will be equivalent and may be offset. Otherwise, an adequate ~~diffusion~~ dispersion model must be used to predict the effect. If the reduction accomplished at the source is ~~in accordance with the ratio of 22.5(4)"b"~~ as specified in subrule 22.5(3) and if the effect of the reduction is measured or predicted to occur in the same area as the emissions of the major source or major modification, the effect of the reduction at the measured or predicted point does not have to exactly offset the effect of the major source or major modification.

ITEM 4. Rescind and reserve paragraph 22.5(4)"b" and reserve the number.

ITEM 5. Rescind paragraph 22.5(4)"g" and replace with the following new language:

g. Reduction credits. Credit for an emissions reduction can be claimed to the extent that the administrator and the department have not: (1) relied on it in issuing any permit under regulations approved pursuant to 40 CFR Parts 51, 55, 63, 70, or 71 as amended through May 11, 1995; (2) relied on it in demonstrating attainment or reasonable further progress; or (3) the reduction is not otherwise required under the Clean Air Act. Incidental emissions reductions which are not otherwise required under the Act shall be creditable as emissions reductions for such purposes if such emissions reductions meet the requirements of subrule 22.5(3).

ITEM 6. Rescind paragraph 22.5(4)"i" and replace with the following new language:

i. Shutdown or curtailment.

(1) Emissions reductions achieved by shutting down an existing source or curtailing production or operating hours below baseline levels may be generally credited if such reductions are surplus, permanent, quantifiable, and federally enforceable, and if the area has an EPA-approved attainment plan. In addition, the shutdown or curtailment is creditable only if it occurred on or after the date specified for this purpose in the plan, and if such date is on or after the date of the most recent emissions inventory or attainment demonstration. However, in no event may credit be given for shutdowns which occurred prior to January 1, 1978. For purposes of this paragraph, the director may consider a prior shutdown or curtailment to have occurred

after the date of its most recent emissions inventory, if the inventory explicitly includes as current existing emissions the emissions from such previously shutdown or curtailed sources. The work force shall be notified of the proposed curtailment or shutdown by the source owner or operator.

(2) The reductions described in subparagraph 22.5(4)“i”(1) may be credited in the absence of any approved attainment demonstration only if the shutdown or curtailment occurred on or after the date the new source permit application is filed, or, if the applicant can establish that the proposed new source is a replacement for the shutdown or curtailed source, and the cutoff date provisions in 22.5(4)“i”(1) are observed.

ITEM 7. Amend subrule 22.5(5) as follows:

22.5(5) Banking of offsets in nonattainment areas. If the offsets in a given situation are more than required by ~~22.5(4)“b”~~ 22.5(3), the amount of offsets that is greater than required may be banked for the exclusive use or control of the person achieving the reduction, subject to the limitations of this subrule. If the person achieving the reduction is not an individual, an authorized representative of the person must release control of the banked emissions in writing before another person, other than the commission, can utilize the banked emissions. The banking of offsets creates no property right in those offsets. The commission may proportionally reduce or cancel banked offsets if it is determined that reduction or cancellation is necessary to demonstrate reasonable further progress or to attain the ambient air quality standards. Prior to reduction or cancellation, the commission shall notify the person who banked the offsets.

ITEM 8. Amend subrule 22.5(6) as follows:

22.5(6) Control technology review.

a. Lowest achievable emission rate. A new or modified major source in a nonattainment area shall comply with the lowest achievable emission rate.

b. For phased construction projects, the determination of the lowest achievable emissions rate shall be reviewed and modified as appropriate at the latest reasonable time which occurs no later than 18 months prior to the commencement of construction of each independent phase of the project. At such time, the owner or operator of the applicable stationary source may be required to demonstrate the adequacy of any previous determination of the LAER for the source.

c. State implementation plan, new source performance standards, and emission standards for hazardous air pollutants. A major stationary source or major modification shall meet each applicable emissions limitation under the state implementation plan and each applicable emissions standard of performance under 40 CFR Parts 60 and 61 as amended through May 30, 1995.

ITEM 9. Amend subrule 22.5(8) as follows:

22.5(8) Alternate site analysis. ~~If a major source of carbon monoxide or a major modification to a carbon monoxide source is proposed to be located in a carbon monoxide nonattainment area, the source owner or operator must submit an alternative site analysis.~~ The permit application shall contain a submittal of an alternative site analysis. Such submittal shall include analysis of alternative sites, sizes, production processes and environmental control techniques for the proposed source. The analysis must demonstrate that benefits of the proposed

source significantly outweigh the environmental and social costs that would result from its location, construction or modification. Such analysis shall be completed prior to permit issuance.

ITEM 10. Add a **new** subrule 22.5(9) as follows:

22.5(9) Additional conditions for permit approval.

a. For the air pollution control requirements applicable to subrule 22.5(6), the permit shall require the source to monitor, keep records, and provide reports necessary to determine compliance with and deviations from applicable requirements.

b. The state shall not issue the permit if the administrator has determined that the applicable implementation plan is not being adequately implemented for the nonattainment area in which the proposed stationary source or modification is to be constructed.

ITEM 11. Add a **new** subrule 22.5(10) as follows:

22.5(10) Public availability of information. No permit shall be issued until notice and opportunity for public comment are made available in accordance with the procedure described in 40 CFR 51.161 (as amended through May 8, 1995).

Date

Larry J. Wilson, Director

(A copy of the responsiveness summary is on file in the department's Records Center)

Mr. Stokes reviewed the rules.

Motion was made by Gary Priebe to approve Final Rule--Chapter 22, Nonattainment Areas. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED AS PRESENTED

PROPOSED RULE--CHAPTER 61, WATER QUALITY STANDARDS - STREAM USE CLASSIFICATION

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

Commission will be provided a proposed rule amendment which is meant to establish stream use classifications for thirty Iowa stream segments. The thirty stream segments have been visited by DNR staff and field review assessments have been completed detailing the aquatic resources. The assessment's objective was to evaluate the capability of streams to support various aquatic uses as defined in Chapter 61- Water Quality Standards. The field review included

assessment of the aquatic resources, the nature of the available aquatic habitat, and the stream morphology during low stream flow conditions. Based on the field review, the stream segment is proposed to be designated as Class B Significant Resource, Limited Resource, Lake/Wetland, or remain as a general stream. The general stream is protected for multiple uses such as livestock, and wildlife watering, and irrigation. The aquatic species present in the general stream will be protected from acutely toxic conditions. The proposed rule is the culmination of the stream aquatic use assessment efforts begun in 1990. The DNR still needs to complete assessments on about seventy-five stream segments for primary contact recreation, or Class A.

(A copy of the proposed rule is on file in the department's Records Center)

Mr. Stokes gave a detailed explanation of the rules.

Kathryn Draeger commented that there is no legend for the classifications such as B(LR), B(WW), etc.

Mr. Stokes stated that he will include a legend when the rules come back as a Notice of Intended Action.

Brief discussion followed.

INFORMATIONAL ONLY

ADDRESS ITEMS FOR NEXT MEETING

- Update on Monroe County case which was to be negotiated administratively
- Governor's Competitiveness Task Force update

NEXT MEETING DATES

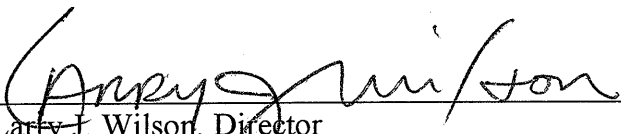
February 19, 1996

March 18, 1996

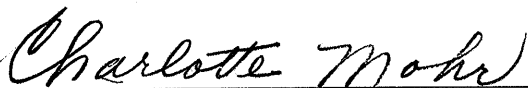
April 15, 1996

ADJOURNMENT

With no further business to come before the Environmental Protection Commission, Chairperson King adjourned the meeting at 5:50 p.m., Tuesday, January 16, 1996.


Larry J. Wilson, Director


Rozanne King, Chair


Charlotte Mohr, Secretary

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